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ABSTRACT

This package consists of two descriptive documents and the complete computer printout used in the multi-institutional recording system for Continuing Education Units (CEU) earned in the University of Missouri statewide program. Stephen A. Douglas' "A Method of Recording Participation in Continuing Education Programs (the CEU)--The University of Missouri-Rolla Model" offers a survey of the computerized system in use at that institution. The second document presents a policy statement, discusses administrative procedures, and offers guidelines for: (1) the development of a standard recording, storage, and retrieval system for CEU programs; (2) the provision of summary records of individual participation; and (3) the accumulation, updating, and transfer of CEU records. The basic output of the CEU system will be a roster and CEU certificate, but it also functions as a general inquiry system for the student, counselor, and administrator. Completing the collection, and of particular interest to program planners and registrars, storage layout directions and descriptive flow charts are included with the 108-page computer printout. (MW)

ED 091611

A COMPUTERIZED SYSTEM FOR MULTI-INSTITUTIONAL FILING AND REPORTING OF CONTINUING EDUCATION UNITS: POLICIES AND PROCEDURES, FORMS, INSTRUCTIONS, AND COMPUTER PRINTOUT.

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University of Missouri

Extension Division

Columbia, Missouri

1974

CE 001 769

A METHOD OF RECORDING PARTICIPATION IN CONTINUING EDUCATION PROGRAMS (the CEU) THE UMR MODEL

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The National Task Force on the Continuing Education Unit was created in 1968. From this beginning, a new concept for measuring non-credit continuing education activities has been developed for the use of industries, professional societies, accrediting agencies and similar organizations. Called the Continuing Education Unit, it is defined as 10 contact hours of participation in an organized continuing education experience under responsible sponsorship, capable direction, and qualified instruction. At UMR these units have been incorporated into a permanent student record system similar to the one presently used by the registrar's office for credit courses. These CEUs carry no credit for college degree programs and are a separate and distinct operation from the University's credit programs which lead to Bachelor's, Master's, or Doctor's degrees. Individual student records are programmed for computer input and can be retrieved in the form of a single or cumulative transcript along with accompanying letters of transmittal.

The preliminary statement on the Continuing Education Unit prepared by the National Task Force in the spring of 1970 was primarily concerned with the benefit to the student - awarding, recording, and recognition. There is another use we might call Institutional. This possible use was of immediate interest to us since many of the extension programs at UMR related to continuing education for professionals. We felt that a uniform system for recording an individual's progress of maintaining currency in his profession would be of extreme value not only to the adult

student, but to his employer, once this concept became known. Further, the advantages in using CEU for total institutional reporting were obvious. Valid comparisons of extension education among units within an institution and among institutions across the country were virtually impossible.

The National Task Force held a meeting in the summer of 1970 to initiate a pilot project on the CEU. Invited participants were requested to develop a permanent record system and to evaluate the suggested guidelines for implementation of this unit of measurement. G. Edwin Lorey, Dean of Extension & Continuing Education, represented UMR at that meeting. From this meeting we started our project.

The current procedures of the CEU project at Rolla is as follows: The appropriate CEU value is assigned to every non-credit extension activity. For normal teaching situations (short courses, non-credit courses, conferences, and the like), there is no problem in assigning the number of CEUs for each program since the definition of the CEU is sufficient. For less formal modes of instruction (work experience or independent study), the CEU value assigned relates to the number of instructional hours required in a conventional classroom situation to achieve the same degree of knowledge transfer. This value is determined by the program planning committee members or, if none, the staff member directing the educational program since they or he are most familiar with the scope, content, participation and other forms of student exposure.

Next, the program director, working with an extension coordinator, completes a program planning form. Most of the information on this form is used for internal management including the teaching staff, proposed budget, and source of funds. The remainder of the information is intended for CEU application - name of course or program, program description, academic level, starting and ending dates, format,

and the number of CEUs assigned. Also included is the Office of Education HEGIS code which uses the WICHE program classification system. If this program is one for which CEUs will be awarded, this remaining information will be transferred at a later date to the computer for program identification. When the form is completed, it is signed by the program director and in turn by the chairman of the academic department responsible for the program, the school or college dean and the Dean of Extension, following the normal route for administration approval. Copies of this form are made for all the administration offices involved.

If CEUs are to be awarded to the students in a program, the same group or individual devises the system to determine that a participant has completed the program and is to be awarded the specified number of units. It is our feeling that CEUs should be awarded to all those registering in a formal manner. The ultimate value and/or utility of the CEU will be determined by the user (employer, accrediting agency, or other institution, for example) who is evaluating the continuing education progress of an individual. The user should place his own value on the educational return for someone attending a large conference or meeting.

The awarding of CEUs to individual students participating in extension programs requires a formal registration. This form is completed in the normal block computer style and includes all the student information you might desire plus the social security number. Upon completion of the program, the program director signs this form if the student is to be awarded the appropriate CEUs. We primarily key the retrieval to the social security number, but in come cases this is not available so we have additional retrieval by name of registrant and geographic location. This information is also useful for printout registration lists and future mailing information. We may also retrieve by HEGIS code for cumulative CEU data by academic discipline, although these data are more applicable to institutional reporting than the

awarding of CEUs.

For our CEU program, we are presently using an IBM 360/50 computer with a direct access device, either a disc or drum. Each disc pack is capable of storing complete information for 150,000 students. The program is written in PL1 but may readily be changed at nominal cost into another programming language. We mail one transcript to the student as part of the cost of the program. Exhibit 1 is an actual transcript printed by the computer for one of our short courses presented this academic year. We have included what we hope is enough information to enable the user to make an intelligent evaluation of the continuing education progress of an individual. If desired, the computer will supply a transcript showing a cumulative record to date of all the courses presented by our university attended by a particular student.

If at a later date the student requests that transcripts be forwarded to specific organizations or individuals, the computer will respond as shown in Exhibit 2. This letter informs Mr. Kuebler that his CEU records have been sent to the named individuals as requested. The computer also supplies the necessary two transcripts with gummed mailing labels for the two individuals plus a mailing label for Mr. Kuebler's letter.

INSTITUTIONAL USE

The University of Missouri Extension Division (four campuses and the field staff) is currently using a computerized reporting system to record extension plans and activities for each fiscal year. This extension management information system was implemented in July 1, 1969, following the guidelines developed by the U. S. Department of Agriculture. This system was only required for Federal Cooperative

Extension Services, but it was decided in Missouri that all units of the Extension Division would participate in the program. The system is identified as MEMIS, the Missouri Extension Management Information System.

Since MEMIS was developed over three years ago, it is not programmed for CEU output. However, the raw data suitable for CEU (student teaching hours) are stored for retrieval in terms of student full-time equivalents, and the system could be modified for CEUs. A committee is presently evaluating MEMIS with respect to the new requests from the Office of Education for its HEGIS report, the NUEA annual report, and the CEU Application. The fiscal year 1973-74 is the target date for revision of MEMIS to incorporate the additional storage and retrieval. At present, UMR is the only unit of the University using CEU for its programs since we were part of the nationwide pilot project.

We have had discussions with the four Registrars and the Institutional Research personnel of the University relative to the administrative responsibility for recording and reporting student participation in credit and non-credit programs. The present consensus is that the Registrars will continue to have responsibility for credit course transcripts for both resident and extension students while the Extension Division will maintain the records and reports for non-credit activities. This decision is not at all critical for the success of total institutional reporting since all data storage and retrieval could be handled satisfactorily through one administrative unit.

In summary, the Continuing Education Unit may be used to measure, record, report, transfer and recognize adult participation in non-credit programs. It can be applied to professional continuing education, vocational retraining and adult liberal

education. Several industries in Missouri are presently using this unit in programs presented by the UMR Extension Division for training and upgrading tecnnical and management personnel.

Beyond the knowledge and skills acquired through participation in non-degree programs, it will be of significant value to both participants and employers to have available a permanent record of their efforts to make education a continuing process. Likewise, such records may provide an individual with the means with which to demonstrate to a prospective employer his efforts to keep abreast of the latest developments in his field of endeavor. Through the CEU, personnel offices can receive reports with a standard format for interpretation and supervisors can review and evaluate the employee's record and continuing education progress much more accurately. In the years ahead as other educational institutions adopt CEUs, this may become increasingly valuable.

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RECEIVED JUL 18 1974 COLLEGE OF CONTINUING EDUCATION M.U.

CE 001 769

UNIVERSITY OF MISSOURI

UNIVERSITY EXTENSION

Continuing Education Unit
Policies and Procedures

CEU SYSTEM OBJECTIVES

The objectives of the University of Missouri Extension Continuing Education Unit System are to provide services to students who participate in non-credit activities.

1) To provide records of participation in certain continuing education programs to students, employers, and others through a standard system of recording, storage, and retrieval.

2) To provide summary records of participation in selected continuing education programs.

3) To permit accumulation, updating and transfer of continuing education unit records of an individual from institution to institution.

In addition to these objectives several implications seem inherent in the implementation of a CEU system. Such a system may be expected to: 1)lead toward the development of ongoing meaningful relationships with students involved in non-credit programs, 2)encourage the adult student to capitalize on many continuing education resources, 3)encourage the development of longer term sequential non-credit education experiences, 4)provide basic operational and management data.

CONTINUING EDUCATION UNIT POLICY

In order that the University of Missouri might be able to provide a meaningful service to its continuing education students and become part of the national movement toward systematic recording of continuing education opportunities, the following policy is adopted:

> The University of Missouri adopts the Continuing Education Unit as a way of recording student participation in selected non-credit continuing education activities. The CEU while retaining convertability within a national system will be tailored to meet the specific needs of the participants in University of Missouri Extension programs. Approval for awarding of CEU's for any particular continuing education activity shall follow the established extension policies and procedures for academic approval of non-credit activities.

DEFINITIONS

Continuing education unit - ten contact hours of participation in an organized continuing education experience under responsible sponsorship, capable direction, and qualified instruction.

Contact hour - a direct contact hour with a student or an equivalent amount of learning experience as determined by the planning committee through a recognized educational method such as independent study.

APPROVAL TO OFFER CEU'S

In order to offer continuing education units to individuals participating in an activity, the following procedures must be followed:

1) The official extension policies and procedures concerning the planning and offering of non-credit courses and conferences must be utilized. Per policy, (see attachment #1) a fully completed UED A 13, (Declaration of Intent) form must be submitted for every non-credit activity. If it is proposed that CEU's are to be offered for a non-credit activity, the intention to offer CEU's must be clearly indicated in the "comments" section of the form. A statement such as "CEU's are to be offered for this activity" is sufficient.
   If the planning committee decides to offer CEU's sometime after a UED A 13 has been circulated for an activity, a revised UED A 13 should be prepared clearly indicating that it is a revision and indicating in the comment section that CEU's are to be offered.

2) The individual faculty member or committee responsible for an activity per the course and conference policy will be responsible for determining the number of CEU's to be offered for that activity. Sample determinations are as follows:

   a) Three day conference - 6 contact hours per day = 18 contact hours or 1.8 CEU's. The conference may be scheduled for a total of 24 hours, but only 18 were considered contact hours by the planning committee.

   b) Short course - 1 contact hour per night for 16 nights = 16 contact hours or 1.6 CEU's.

3) Independent study - the determination to offer CEU's for non-credit activities administered by the Independent Studies Department is to be part of the course development process.

4) The individual faculty member or committee responsible for a non-credit continuing education activity will decide whether or not a participant has qualified for having CEU's recorded and this determination will be recorded in the CEU system.

CEU SYSTEM RECORDS

Individual's record: Name, social security number, mailing address, county (if a resident of Missouri) or state or country (if resident of another state or a foreign country), activity number, and a designation indicating whether or not the individual is to receive CEU's for this particular activity.

Activity record: Activity code, activity title, description, number enrolled, program beginning and ending dates, number of CEU's offered, approving academic department, administering unit, and NCHEMS program classification structure code.

Data element definitions:

1) Name - the participant's full name and middle initial.

2) Social security number - the participant's nine digit social security number.

3) Mailing address - the participant's complete mailing address including the proper zip code.

4) County, state or foreign country - the county in which the participant resides (if a resident of Missouri) or the state or foreign country if a non-resident.

5) Activity code - this code consists of an alpha character (C,K, L,R,S, or U) indicating the administering campus and a four-digit number assigned by the administering campus.

6) Activity title - the official title of the activity.

7) Activity description - a narrative description of the objectives and subject matter of the activity. The description should also include such items as the format, level of instruction and location of the activity.

8) Program dates - the month, day, and year of the activity starting and ending dates in numerical form. (i.e. 6/4/73 - 6/15/73).

9) Number enrolled - the number of participants enrolled in the activity.

10) Number of CEU's - the number of continuing education units offered in whole numbers and tenths (1.5).

11) Approving academic department - the three digit MEMIS program planning unit code for the academic department approving the activity.

12) Administering unit - the three digit MEMIS program planning unit code for the administering unit.

13) NCHEMS program classification structure code - the appropriate eight digit program classification structure code as developed by the National Center for High Education Management Systems.

THE CEU SYSTEM OPERATING PROCEDURES

The continuing education unit system requires the collection of two types of data. 1) Registration data about the individual participant, 2) Program data describing the continuing education activity.

*The original registration form or roster and activity record should be provided for use in entering data into the system.

**Registration Data: The following information must be completed and legible in order for the data to be recorded in the system.

1) Activity Code - The activity code on the registration form or CEU registration roster must match the code indicated on the CEU activity record to assure proper recording. If a particular individual is not to receive CEU's, this should be clearly indicated by placing an "N" after the activity code on the registration form (i.e. U1234N)

2) Participant's name

3) Social Security Number - The social security number is extremely important since it is the key to being able to subsequently retrieve information regarding an individual's participation in CEU-offering activities. For individuals without social security numbers, (e.g. participants from foreign countries), or individuals not desiring to provide their social security number, assigned social security numbers may be provided. The first character of the nine-digit number must be C,K,L,R,S, or U indicating the unit assigning the number. The next eight digits are to be assigned by each unit to create unique numbers for each individual. Each unit will need to maintain a log of Assigned Social Security Numbers to avoid issuing duplicates.

4) Mailing address

5) Zip Code - If it is not possible to secure a zip code, or if the participant is from a foreign country, the code 99999 should be used.

6) County, state or foreign country - CEU registration data requires entry of a county code if the participant is a resident of Missouri, a state code if the participant is a resident of a state other than Missouri, or a foreign country code if the participant is a resident of a foreign country. The Missouri county codes, the codes for states other than Missouri, and foreign country codes are shown on pages I-11, I-12, & I-13 respectively. The appropriate code for each individual participant should be clearly indicated on the standard registration form or CEU roster. If it is not possible to secure this information, a code of 999 may be utilized.

*U-Wide CEU Contact persons please refer to your letter of May 30, 4th paragraph.

**U-Wide CEU Contact persons refer to DETAILED INSTRUCTIONS FOR COMPLETING CEU REGISTRATION ROSTER FORM, page II-8.

Program Data (Activity Record): A CEU activity record (form number UMUW 205) must be completed for each non-credit continuing education activity in which CEU's are to be recorded. The activity record form and associated registrations may be completed and forwarded for processing at any time prior to, during, or immediately following the actual activity. The administering unit is responsible for the accuracy of all data.

*The activity record form must be typed and completed as follows:

1) Activity code - this code consists of an alpha character C,K,L, R,S, or U indicating the administering campus followed by a four digit number assigned by the administering campus. The Dean's Office for each campus and coordinator's office for University-Wide will devise systems for assigning the four-digit number.

2) Beginning date - the month, day, and year in numerical form i.e., 6/4/73 (June 4, 1973 that the activity began.)
Ending date - the month, day, and year in numerical form i.e., 6/15/73 (June 15, 1973 that the activity ended.)

3) Enrollment - the number of participants registered for the activity.

4) Number of CEU's approved - the number of CEU's in whole numbers and tenths (i.e. 1.5) which were approved to be recorded for this activity.

5) Approving academic unit code - the three digit MEMIS planning unit code for the department which approved the activity as indicated on the UED A 13.

6) Administering unit code - the three digit MEMIS program planning unit code for the administering unit. The Dean's Office for each campus and the coordinator's office for university-wide will provide guidelines for determining the administrative level which will be recorded as the administering unit.

7) NCHEMS PCS code - this code should be left blank at the present time.

8) CEU Certificates - if CEU certificates are desired for eligible participants enrolled in the continuing education program being recorded, the "yes" box should be clearly marked. If certificates are not desired, the "no" box should be clearly marked.

9) Activity title - lines 9 & 10 provide space for recording the title of the activity. Only two lines (70 spaces per line) of typewritten material may be accommodated. The activity title should be recorded on the CEU activity record just as it is to appear on the CEU certificate. The computer will just reproduce exactly what is provided.

10) Activity description - lines 11 through 14 provide space to record a narrative description of the objectives and the subject matter of the activity. The description should include such items as format, level of instruction, and location of the activity. Only four lines (70 spaces per line) of typewritten material may be accommodated. The activity description should be written in a style appropriate for the CEU certificate. Wordiness and excessive use of punctuation should be avoided. Appropriate abbreviations should be used whenever possible.

*U-Wide CEU Contact persons refer to DETAILED INSTRUCTIONS FOR COMPLETING CEU ACTIVITY RECORD FORM, page II-6.

11) The signature and title of the individual submitting the information and the date transmitted must be recorded at the bottom of the form.

12) University-wide field staff must provide the complete mailing address to which CEU certificates are to be returned. CEU certificates for campus administered activities will be made available through the Extension Dean's Office.

CEU DATA INPUT

CEU data is entered into the computer system in "batches". Each batch consists of completed activity record (form #205) and the associated registrations. The validity of the system's output is completely dependent upon complete, correct data entry.

Data is entered into the system through a computer terminal located on each campus. A terminal is located in Clark Hall for U-Wide administered activities.

Detailed instructions for assembling and transmitting CEU data to be entered through the terminal will be provided by the Extension Dean's Office for each campus and by the U-Wide coordinator for U-Wide activities.

CEU SYSTEM OUTPUT

The basic output of the CEU system is a roster of participants for each activity and a continuing education unit certificate if requested on the activity record, for each eligible participant. If there are individuals who are not to receive CEU credit for an activity, a separate roster will be provided listing these individuals.

The roster and CEU certificates should be carefully checked to assure that correct information was entered into the computer system.

CORRECTING AND UPDATING CEU DATA

Incorrect data which has been entered into the CEU system can be corrected through the terminal. Detailed instructions for processing corrections and/or updates will be provided by the Extension Dean's Office for each campus and by the U-Wide coordinator for U-Wide activities.

Such items as "enrollment" in a particular activity will require update when late registrations are processed. CEU certificates and updated, complete rosters are provided when late registrations are entered into the system.

COMPLETE CEU RECORD (TRANSCRIPT)

The CEU system will provide an individual's complete CEU record (transcript). The transcript will be provided only at the request of the individual for a fee of $1.00 per copy.

The CEU transcript indicates the individual's name and address, the activity title and description, the number of CEU's recorded, the completion date of the activity, and the approving academic department. Copies of the CEU record will be mailed to third parties if requested by the individual. An individual requesting a CEU transcript must provide his/her nine digit social security number in order for the record to be retrieved from the computer files. Requests for CEU transcripts should be forwarded to the University-Wide coordinator's office, 512 Clark Hall, Columbia, MO 65201.

RESERVED ACTIVITY CODES

Each campus may desire to reserve a certain series of activity codes for entering non-CEU data into the system. The system is designed to accept student data regardless of whether or not CEU's are involved. This option allows the development of special mailing lists and other management uses.

CEU SYSTEM OPTIONAL OUTPUT

The CEU system is basically a student data bank which will allow the retrieval of data in numerous combinations. Requests will be accepted to retrieve special sets of data such as mailing lists, annual rosters, head-counts, etc. The administrative unit requesting a special retrieval will be expected to pay the actual cost of the retrieval.

CEU CONTACT PERSON

Each Dean of Extension and Area Director is to designate a CEU contact person responsible for representing that unit in matters concerning the CEU system. This individual will receive all information regarding the CEU system from the University-Wide coordinator and will be responsible for communicating appropriate information about the system to campus or area staff.

The CEU contact person is responsible for approving and forwarding to the University-Wide coordinator any requests for special retrievals from the CEU system. The University-Wide coordinator will act on special requests only after the campus or area CEU contact person has indicated approval.

The campus or area contact person will be looked to for ideas and suggestions regarding improvements and/or additions to the CEU system.

STUDENT MASTER FILE INQUIRY

The CEU system is designed to permit inquiry from a terminal into the student master file to determine if a particular individual has CEU records on file and if so, in which activities the individual has been a participant. This inquiry capability will be useful in making a preliminary check to determine if an individual has records in the system prior to accepting a formal request for a CEU transcript or in answering specific questions about a particular individual's CEU record. This inquiry can only be accomplished if the individual's correct social security number is provided.

INSTRUCTIONS FOR COMPLETING CEU REGISTRATION ROSTER

*The CEU registration roster form may be used in lieu of the standardized registration form for entering registration data (student data) into the CEU system. If used, the roster form must be typed and is completed as follows:

a) Enter the participant's nine-digit social security number (federal I.D.)

1) Enter the CEU activity code. NOTE: if an individual is not to receive CEU's, this should be clearly indicated by placing an "N" after the activity code on the registration roster (i.e. U1234N)

2) The participant's last name.

3) Enter the participant's first name followed by the middle initial.

4) Enter the participant's complete mailing address.

9) Enter the appropriate zip code. Code number 99999 may be used if the zip code cannot be determined.

10) If the participant is a resident of Missouri, enter the three digit code for the county in which the participant resides. If a non-resident, enter the three digit state or foreign country code.

The numbering of the CEU registration roster form and these instructions coincide with the terminal operators' transaction codes and are not intended to be consecutive.

*U-Wide CEU Contact persons refer to DETAILED INSTRUCTIONS FOR COMPLETING CEU REGISTRATION ROSTER FORM, page II-8.

UNIVERSITY OF MISSOURI – EXTENSION

CONTINUING EDUCATION UNIT

ACTIVITY RECORD

Complete with typewriter only.

1. CEU ACTIVITY CODE	2. BEGINNING AND ENDING DATES	3. ENROLLMENT

4. NO. CEU'S APPROVED	5. APPROVING ACADEMIC UNIT CODE	6. ADMIN. UNIT CODE	7. NCHEMS PCS CODE

8. CEU CERTIFICATES

☐ YES ☐ NO

ACTIVITY TITLE

9. _____

10. _____

ACTIVITY DESCRIPTION

11. _____

12. _____

13. _____

14. _____

STAFF IDENTIFICATION AND MAILING INSTRUCTIONS

NAME	TITLE

ADDRESS TO WHICH CEU CERTIFICATES ARE TO BE RETURNED

DATE SUBMITTED	SIGNATURE

UM UW FORM NO. 205 (SEP 73)

I-10

CEU REGISTRATION ROSTER

Activity title: _____

Note: Each column must have a complete entry.

a. SOCIAL SECURITY NUMBER	1. CEU ACTIVITY CODE	2. LAST NAME	3. FIRST NAME MIDDLE INITIAL	4. COMPLETE MAILING ADDRESS	9. ZIP CODE	10. CO/STATE FOREIGN COUNTRY CODE

SAMPLE

SUGGESTED FOR AREA CEU CONTACT USE

CEU (5-74)

UNIVERSITY OF MISSOURI-EXTENSION

CONTINUING EDUCATION UNIT SYSTEM

MISSOURI COUNTY CODES

001 - Adair
002 - Andrew
003 - Atchison
004 - Audrain
005 - Barry
006 - Barton
007 - Bates
008 - Benton
009 - Bollinger
010 - Boone
011 - Buchanan
012 - Butler
013 - Caldwell
014 - Callaway
015 - Camden
016 - Cape Girardeau
017 - Carroll
018 - Carter
019 - Cass
020 - Ceder
021 - Chariton
022 - Christian
023 - Clark
024 - Clay
025 - Clinton
026 - Cole
027 - Cooper
028 - Crawford
029 - Dade
030 - Dallas
031 - Daviess
032 - Dekalb
033 - Dent
034 - Douglas
035 - Dunklin
036 - Franklin
037 - Gasconade
038 - Gentry
039 - Greene
040 - Grundy
041 - Harrison
042 - Henry
043 - Hickory
044 - Holt
045 - Howard
046 - Howell
047 - Iron
048 - Jackson
049 - Jasper
050 - Jefferson
051 - Johnson
052 - Knox
053 - LaClede
054 - Lafayette
055 - Lawrence
056 - Lewis
057 - Lincoln
058 - Linn
059 - Livingston
060 - McDonald
061 - Macon
062 - Madison
063 - Maries
064 - Marion
065 - Mercer
066 - Miller
067 - Mississippi
068 - Moniteau
069 - Monroe
070 - Montgomery
071 - Morgan
072 - New Madrid
073 - Newton
074 - Nodaway
075 - Oregon
076 - Osage
077 - Ozark
078 - Pemiscot
079 - Perry
080 - Pettis
081 - Phelps
082 - Pike
083 - Platte
084 - Polk
085 - Pulaski
086 - Putnam
087 - Ralls
088 - Randolph
089 - Ray
090 - Reynolds
091 - Ripley
092 - St. Charles
093 - St. Clair
094 - St. Francois
095 - Ste. Genevieve
096 - St. Louis Co.
097 - Saline
098 - Schuyler
099 - Scotland
100 - Scott
101 - Shannon
102 - Shelby
103 - Stoddard
104 - Stone
105 - Sullivan
106 - Taney
107 - Texas
108 - Vernon
109 - Warren
110 - Washington
111 - Wayne
112 - Webster
113 - Worth
114 - Wright
115 - St. Louis City

UNIVERSITY OF MISSOURI-EXTENSION

CONTINUING EDUCATION UNIT SYSTEM

STATE CODES other than Missouri*

201 - Alabama
250 - Alaska
202 - Arizona
203 - Arkansas
204 - California
205 - Colorado
206 - Connecticut
207 - Delaware
208 - District of Columbia
209 - Florida
210 - Georgia
251 - Hawaii
211 - Idaho
212 - Illinois
213 - Indiana
214 - Iowa
215 - Kansas
216 - Kentucky
217 - Louisiana
218 - Maine
219 - Maryland
220 - Massachusetts
221 - Michigan
222 - Minnesota
223 - Mississippi
225 - Montana
226 - Nebraska
227 - Nevada
228 - New Hampshire
229 - New Jersey
230 - New Mexico
231 - New York
232 - North Carolina
233 - North Dakota
234 - Ohio
235 - Oklahoma
236 - Oregon
237 - Pennsylvania
238 - Rhode Island
239 - South Carolina
240 - South Dakota
241 - Tennessee
242 - Texas
243 - Utah
244 - Vermont
245 - Virginia
246 - Washington
247 - West Virginia
248 - Wisconsin
249 - Wyoming

252 - American Samoa
253 - Guam
254 - Puerto Rico
255 - Virgin Islands

* If the CEU participant resides in Missouri, a Missouri County Code must be used.

UNIVERSITY OF MISSOURI-EXTENSION

CONTINUING EDUCATION UNIT SYSTEM

FOREIGN COUNTRY CODES

300 Aden
301 Afghanistan
302 Albania
303 Algeria
304 Andorra
305 Argentina
306 Australia
307 Austria
308 Bahamas
309 Barbados
310 Bechuanaland
311 Belgian Congo
312 Belgium
313 Bermuda
314 Bhutan
315 Bolivia
316 Botswana
317 Brazil
318 British Honduras
319 Brunei
320 Bulgaria
321 Burma
322 Burundi
323 Caicos Islands
324 Cambodia
315 Cameroon
326 Canada
327 Cayman Island
328 Central African Rep.
329 Ceylon
330 Chad
331 Channel Islands
332 Chile
333 China
334 Columbia
335 Congo
336 Corsica
337 Costa Rica
338 Cuba
339 Cyprus
340 Czechoslovakia
341 Dahomey
342 Denmark
343 Dominican Rep.
344 Ecuador
345 Egypt
346 El Salvador
347 England
348 Equitorial Guinea
349 Eritrea
350 Estonia
351 Ethopia
352 Falkland Islands
353 Fiji
354 Finland
355 Formosa
356 France
357 Gabon
358 Gambia
359 Germany, East
360 Germany, West
361 Ghana
362 Gibraltar
363 Gilbert & Ellice Il.
364 Gold Coast Colony
365 Greece
366 Greenland
367 Guadeloupe
368 Guatemala
369 Guiana
370 Guinea
371 Guyana
372 Haiti
373 Honduras
374 Hong Kong
375 Hungary
376 Iceland
377 India
378 Indo-China
379 Indonesia
380 Iran
381 Iraq
382 Irish Republic
383 Isle of Mann
384 Israel
385 Italy
386 Ivory Coast
387 Jamaica
388 Japan
389 Jordan
390 Kenya
391 Korea
392 Korea, North
393 Kuwait
394 Laos
395 Latvia
396 Lebanon
397 Leeward Islands
398 Lesotho
399 Liberia
400 Liechtenstein
401 Lithuania
402 Luxembourg
403 Macao
404 Madagascar
405 Madiera Islands
406 Malawi
407 Malaya
408 Malaysia
409 Mali
410 Malta
411 Martinique
412 Mauritania
413 Mauritius
414 Mexico
415 Morocco
416 Nauru
417 Netherlands
418 Neth. W. Indies
419 New Guinea
420 New Hebrides
421 New Zealand
422 Nicaragua
423 Niger
424 Nigeria
425 Northern Ireland
426 Norway
427 Nyasaland Protectorate
428 Pakistan
429 Palestine
430 Panama Republic
431 Papua
432 Paraguay
433 Peru
434 Philippines
435 Pitcairn
436 Poland
437 Portugal
438 Portugese Guinea
439 Reunion Island
440 Rhodesia
441 Rumania
442 Sabah
443 St. Pierre & Miquelon
444 Samoa, Western
445 Sarawak
446 Saudi Arabia
447 Scotland
448 Senegal
449 Seychelles
450 Sierra Leone
451 Singapore
452 Solomon Islands
453 Somaliland
454 Spain
455 St. Helena

FOREIGN COUNTRY CODES cont'.

456 Sudan
457 Surinam
458 Swaziland
459 Sweden
460 Switzerland
461 Syria
462 Taiwan
463 Tanganyika
464 Tangier
465 Tanzania
466 Thailand
467 Tibet
468 Togo
469 Tonga
470 Trans-Jordan
471 Trieste
472 Trinidad & Tobago
473 Tunisia
474 Turkey
475 Turks Island
476 Uganda
477 Union S. Africa
478 Union Soviet Socialist Republic
479 Upper Volta
480 Uruguay
481 Vatican City
482 Venezuela
483 Vietnam
484 Wales
485 Windward Islands
486 Yemen
487 Yugoslavia
488 Zanbia
489 Zanzibar & Pemba

ADMINISTRERING UNIT AND/OR APPROVING ACADEMIC UNIT CODES

UNIVERSITY OF MISSOURI - EXTENSION
CEU SYSTEM

201--UNIVERSITY OF MISSOURI - COL
COLLEGE OF AGRICULTURE

202--University of Missouri - Col
College of Agriculture
Department of Agri Chemistry

203--University of Missouri - Col
College of Agriculture
Department of Agri Education

204--University of Missouri - Col
College of Agriculture
Department of Agri Economics

208--University of Missouri - Col
College of Agriculture
Department of Agri Engineering

209--University of Missouri - Col
College of Agriculture
Department of Agronomy

210--University of Missouri - Col
College of Agriculture
Department of Anim Husbandry

211--University of Missouri - Col
College of Agriculture
Department of Atmospheric Sci

212--University of Missouri - Col
College of Agriculture
Department of Dairy Husbandry

213--University of Missouri - Col
College of Agriculture
Department of Entomology

214--University of Missouri - Col
College of Agriculture
Department of Ext Education

215--University of Missouri - Col
College of Agriculture
Department of Ext Information

216--University of Missouri - Col
College of Agriculture
Dept of Food Science & Nutr

217--University of Missouri - Col
College of Agriculture
School of Forestry

225--University of Missouri - Col
College of Agriculture
Department of Horticulture

226--University of Missouri - Col
College of Agriculture
Department of Plant Pathology

227--University of Missouri - Col
College of Agriculture
Department of Poultry Husbandry

228--University of Missouri - Col
College of Agriculture
Department of Rural Sociology

220--UNIVERSITY OF MISSOURI - COL
COLLEGE OF HOME ECONOMICS

221--University of Missouri - Col
College of Home Economics
Department of Food & Nutrition

222--University of Missouri - Col
College of Home Economics
Dept of Family Econ & Management

223--University of Missouri - Col
College of Home Economics
Dept of Child & Family Development

224--University of Missouri - Col
College of Home Economics
Department of Clothing & Textiles

229--University of Missouri - Col
College of Home Economics
Dept of Housing & Interior Design

235--UNIVERSITY OF MISSOURI - COL
COLLEGE OF ARTS & SCIENCES

236--University of Missouri - Col
College of Arts & Sciences
Department of Anthropology

ADMIN & APPROV ACAD CODES -- CONTD.

237--University of Missouri - Col
College of Arts & Sciences
Department of Art

238--University of Missouri - Col
College of Arts & Sciences
Dept of Art Hist & Archaeology

239--University of Missouri - Col
College of Arts & Sciences
Department of Botany

240--University of Missouri - Col
College of Arts & Sciences
Department of Chemistry

241--University of Missouri - Col
College of Arts & Sciences
Dept of Classical Languages

242--University of Missouri - Col
College of Arts & Sciences
Department of English

243--University of Missouri - Col
College of Arts & Sciences
Department of Geography

244--University of Missouri - Col
College of Arts & Sciences
Department of Geology

245--University of Missouri - Col
College of Arts & Sciences
Dept of Germanic & Slavic Lang

246--University of Missouri - Col
College of Arts & Sciences
Department of History

247--University of Missouri - Col
College of Arts & Sciences
Department of Mathematics

248--University of Missouri - Col
College of Arts & Sciences
Department of Music

249--University of Missouri - Col
College of Arts & Sciences
Department of Philosophy

250--University of Missouri - Col
College of Arts & Sciences
Department of Physics

251--University of Missouri - Col
College of Arts & Sciences
Department of Psychology

252--University of Missouri - Col
College of Arts & Sciences
Dept of Romance Languages

253--University of Missouri - Col
College of Arts & Sciences
Department of Sociology

254--University of Missouri - Col
College of Arts & Sciences
Dept of Speech & Dramatic Art

255--University of Missouri - Col
College of Arts & Sciences
Department of Statistics

256--University of Missouri - Col
College of Arts & Sciences
Department of Zoology

257--University of Missouri - Col
College of Arts & Sciences
Department of Computer Science

260--UNIVERSITY OF MISSOURI - COL
COLLEGE OF ADMINISTRATION & PUBLIC AFFAIRS

261--University of Missouri - Col
College of Admin & Public Affairs
Department of Accountancy

262--University of Missouri - Col
College of Admin & Public Affairs
Department of Economics

263--University of Missouri - Col
College of Admin & Public Affairs
Department of Finance

264--University of Missouri - Col
College of Admin & Public Affairs
Department of Management

ADMIN & APPROV ACAD CODES -- CONTD.

265--University of Missouri - Col
College of Admin & Public Affairs
Department of Marketing

267--University of Missouri - Col
College of Admin & Public Affairs
Department of Political Science

268--University of Missouri - Col
College of Admin & Public Affairs
Administration Research Center

275--UNIVERSITY OF MISSOURI - COL
COLLEGE OF EDUCATION (CONTINUING PROFESSIONAL EDUCATION)

276--University of Missouri - Col
College of Education
Dept of Counsel & Personnel Serv

277--University of Missouri - Col
College of Education
Dept of Curriculum & Instruction

278--University of Missouri - Col
College of Education
Dept of Education Administration

279--University of Missouri - Col
College of Education
Dept of Education Psychology

280--University of Missouri - Col
College of Education
Dept of Foundation of Education

281--University of Missouri - Col
College of Education
Dept of Health & Physical Educ

282--University of Missouri - Col
College of Education
Dept of Higher & Adult Education

284--University of Missouri - Col
College of Education
Dept of Practical Arts & Voc Tech Educ

285--University of Missouri - Col
College of Education
Dept of Research & Statistics

286--University of Missouri - Col
College of Education
Dept of Special Education

290--UNIVERSITY OF MISSOURI - COL
COLLEGE OF ENGINEERING

291--University of Missouri - Col
College of Engineering
Dept of Chemical Engineering

292--University of Missouri - Col
College of Engineering
Dept of Civil Engineering

293--University of Missouri - Col
College of Engineering
Dept of Electrical Engineering

294--University of Missouri - Col
College of Engineering
Dept of Industrial Engineering

295--University of Missouri - Col
College of Engineering
Dept of Mech & Aerospace Eng

296--University of Missouri - Col
College of Engineering
Dept of Nuclear Engineering

310--University of Missouri - Col
Extension
Youth & 4-H

311--University of Missouri - Col
Extension
Labor Education

313--University of Missouri - Col
Extension
Quality of Environment

314--University of Missouri - Col
Extension
Consumer Health Information

ADMIN & APPROV ACAD CODES -- CONTD.

320--UNIVERSITY OF MISSOURI - COL
SCHOOL OF JOURNALISM

321--University of Missouri - Col
School of Journalism
Freedom of Information Center

325--UNIVERSITY OF MISSOURI - COL
SCHOOL OF LAW

330--UNIVERSITY OF MISSOURI - COL
SCHOOL OF LIBRARY & INFORMATION SCIENCE

335--UNIVERSITY OF MISSOURI - COL
SCHOOL OF MEDICINE (CONTINUING MEDICAL EDUCATION)

336--University of Missouri - Col
School of Medicine
Department of Anatomy

337--University of Missouri - Col
School of Medicine
Department of Anesthesiology

338--University of Missouri - Col
School of Medicine
Department of Biochemistry

339--University of Missouri - Col
School of Medicine
Dept of Comm Health & Med Practice

340--University of Missouri - Col
School of Medicine
Department of Medicine

341--University of Missouri - Col
School of Medicine
Department of Microbiology

342--University of Missouri - Col
School of Medicine
School of Nursing

343--University of Missouri - Col
School of Medicine
Dept of Obstetrics & Gynecology

344--University of Missouri - Col
School of Medicine
Department of Pathology

345--University of Missouri - Col
School of Medicine
Department of Pediatrics

346--University of Missouri - Col
School of Medicine
Department of Pharmacology

347--University of Missouri - Col
School of Medicine
Department of Physiology

348--University of Missouri - Col
School of Medicine
Department of Psychiatry

349--University of Missouri - Col
School of Medicine
Department of Surgery

350--University of Missouri - Col
School of Medicine
Department of Radiology

351--University of Missouri - Col
School of Medicine
Department of Ophthalmology

352--University of Missouri - Col
School of Medicine
Dept of Physical Medicine & Rehabilitation

355--UNIVERSITY OF MISSOURI - COL
SCHOOL OF SOCIAL & COMMUNITY SERVICES

356--University of Missouri - Col
School of Social & Community Services
Dept of Recreation & Park Admin

357--University of Missouri - Col
School of Social & Community Services
Dept of Regional & Community Affairs

358--University of Missouri - Col
School of Social & Community Services
Department of Social Work

359--University of Missouri - Col
School of Social & Community Services
Dept of Public Safety-Law Enforcement

ADMIN & APPROV ACAD CODES -- CONTD.

360--University of Missouri - Col
School of Social & Community Services
Dept of Public Safety-Civil Defense

361--University of Missouri - Col
School of Social & Community Services
Dept of Public Safety-Firemanship

362--University of Missouri - Col
School of Social & Community Services
Department of Public Safety-Rural

365--UNIVERSITY OF MISSOURI - COL
SPACE SCIENCES RESEARCH CENTER

370--UNIVERSITY OF MISSOURI - COL
SCHOOL OF VETERINARY MEDICINE

371--University of Missouri - Col
School of Veterinary Medicine
Dept of Veterinary Anatomy

372--University of Missouri - Col
School of Veterinary Medicine
Dept of Vet Medicine & Surgery

373--University of Missouri - Col
School of Veterinary Medicine
Dept of Vet Microbiology

374--University of Missouri - Col
School of Veterinary Medicine
Department of Vet Pathology

375--University of Missouri - Col
School of Veterinary Medicine
Dept of Vet Physiology & Pharma-
cology

ADMIN & APPROV ACAD CODES -- CONTD.

401--UNIVERSITY OF MISSOURI - K.C.
COLLEGE OF ARTS & SCIENCES

402--University of Missouri - K.C.
College of Arts & Sciences
Dept of Art & Art History

403--University of Missouri - K.C.
College of Arts & Sciences
Department of Biology

404--University of Missouri - K.C.
College of Arts & Sciences
Department of Chemistry

405--University of Missouri - K.C.
College of Arts & Sciences
Department of Economics

406--University of Missouri - K.C.
College of Arts & Sciences
Department of English

407--University of Missouri - K.C.
College of Arts & Sciences
Dept of Foreign Languages

408--University of Missouri - K.C.
College of Arts & Sciences
Dept of General Engineering

409--University of Missouri - K.C.
College of Arts & Sciences
Department of Geology

410--University of Missouri - K.C.
College of Arts & Sciences
Department of Geography

411--University of Missouri - K.C.
College of Arts & Sciences
Department of History

412--University of Missouri - K.C.
College of Arts & Sciences
Department of Mathematics

413--University of Missouri - K.C.
College of Arts & Sciences
Department of Philosophy

414--University of Missouri - K.C.
College of Arts & Sciences
Dept of Physical Education

415--University of Missouri - K.C.
College of Arts & Sciences
Dept of Physical Science

416--University of Missouri - K.C.
College of Arts & Sciences
Department of Physics

417--University of Missouri - K.C.
College of Arts & Sciences
Department of Psychology

418--University of Missouri - K.C.
College of Arts & Sciences
Department of Sociology

419--University of Missouri - K.C.
College of Arts & Sciences
Department of Speech & Theatre

430--UNIVERSITY OF MISSOURI - K.C.
CONSERVATORY OF MUSIC

440--UNIVERSITY OF MISSOURI - K.C.
SCHOOL OF ADMINISTRATION

441--University of Missouri - K.C.
School of Administration
Center for Management Development

442--University of Missouri - K.C.
School of Administration
Public Administration

456--University of Missouri - K.C.
Div of Continuing Educ & Extension
Family Study Center

470--UNIVERSITY OF MISSOURI - K.C.
SCHOOL OF DENTISTRY

ADMIN & APPROV ACAD CODES -- CONTD.

480--UNIVERSITY OF MISSOURI - K.C.
SCHOOL OF EDUCATION

481--University of Missouri - K.C.
School of Education
Div of Counselor Education

482--University of Missouri - K.C.
School of Education
Div of Education Administration

483--University of Missouri - K.C.
School of Education
Metropolitan Studies Center

484--University of Missouri - K.C.
School of Education
Reading Center

485--University of Missouri - K.C.
School of Education
Division of Educ Psychology

486--University of Missouri - K.C.
School of Education
Div of Philosophical Foundations

487--University of Missouri - K.C.
School of Education
Div of Elementary Education

488--University of Missouri - K.C.
School of Education
Div of Secondary Education

490--UNIVERSITY OF MISSOURI - K.C.
SCHOOL OF LAW

500--UNIVERSITY OF MISSOURI - K.C.
SCHOOL OF PHARMACY

510--UNIVERSITY OF MISSOURI - K.C.
HEALTH SCIENCES

520--UNIVERSITY OF MISSOURI - K.C.
SCHOOL OF MEDICINE

530--UNIVERSITY OF MISSOURI - K.C.
GRADUATE NURSING PROGRAM

ADMIN & APPROV ACAD CODES -- CONTD.

601--UNIVERSITY OF MISSOURI - ROLLA
SCHOOL OF ENGINEERING

602--University of Missouri - Rolla
School of Engineering
Dept of Chemical Engineering

603--University of Missouri - Rolla
School of Engineering
Dept of Civil Engineering

604--University of Missouri - Rolla
School of Engineering
Dept of Electrical Engineering

605--University of Missouri - Rolla
School of Engineering
Dept of Engineering Management

606--University of Missouri - Rolla
School of Engineering
Dept of Engineering Mechanics

607--University of Missouri - Rolla
School of Engineering
Dept of Mech & Aerospace Engr

608--University of Missouri - Rolla
School of Engineering
Dept of Engineering Technology

620--UNIVERSITY OF MISSOURI - ROLLA
SCHOOL OF MINES & METALLURGY

621--University of Missouri - Rolla
School of Mines & Metallurgy
Dept of Ceramic Engineering

622--University of Missouri - Rolla
School of Mines & Metallurgy
Dept of Metallurgical & Nuclear Engr

623--University of Missouri - Rolla
School of Mines & Metallurgy
Dept of Mining, Petroleum &
Geological Engr.

640--UNIVERSITY OF MISSOURI - ROLLA
COLLEGE OF ARTS & SCIENCES

641--University of Missouri - Rolla
College of Arts & Sciences
Department of Chemistry

642--University of Missouri - Rolla
College of Arts & Sciences
Dept of Computer Science

643--University of Missouri - Rolla
College of Arts & Sciences
Dept of Geology & Geophysics

644--University of Missouri - Rolla
College of Arts & Sciences
Department of Humanities

645--University of Missouri - Rolla
College of Arts & Sciences
Department of Life Science

646--University of Missouri - Rolla
College of Arts & Sciences
Department of Mathematics

647--University of Missouri - Rolla
College of Arts & Sciences
Department of Physics

648--University of Missouri - Rolla
College of Arts & Sciences
Department of Social Sciences

660--UNIVERSITY OF MISSOURI - ROLLA
MILITARY SERVICES

665--UNIVERSITY OF MISSOURI - ROLLA
PHYSICAL EDUCATION

680--UNIVERSITY OF MISSOURI - ROLLA
RESEARCH CENTERS

681--University of Missouri - Rolla
Cloud Physics Research Center

682--University of Missouri - Rolla
Electronics Research Center

683--University of Missouri - Rolla
Environmental Research Center

684--University of Missouri - Rolla
Materials Research Center

685--University of Missouri - Rolla
Industrial Research Center

ADMIN & APPROV ACAD CODES -- CONTD.

686--University of Missouri - Rolla
Rock Mechanics & Explosives
Research Center

687--University of Missouri - Rolla
Space Sciences Research Center

688--University of Missouri - Rolla
Water Resources Research Center

ADMIN & APPROV ACAD CODES -- CONTD.

801--UNIVERSITY OF MISSOURI - ST.L.
COLLEGE OF ARTS & SCIENCES

802--University of Missouri - St. L.
College of Arts & Sciences
Dept of Administration of Justice

803--University of Missouri - St. L.
College of Arts & Sciences
Department of Biology

804--University of Missouri - St. L.
College of Arts & Sciences
Department of Chemistry

805--University of Missouri - St. L.
College of Arts & Sciences
Department of Economics

806--University of Missouri - St. L.
College of Arts & Sciences
Department of English

807--University of Missouri - St. L.
College of Arts & Sciences
Department of Fine Arts

809--University of Missouri - St. L.
College of Arts & Sciences
Department of History

810--University of Missouri - St. L.
College of Arts & Sciences
Department of Mathematics

811--University of Missouri - St. L.
College of Arts & Sciences
Dept of Modern & Foreign Languages

812--University of Missouri - St. L.
College of Arts & Sciences
Department of Philosophy

813--University of Missouri - St. L.
College of Arts & Sciences
Department of Physics

814--University of Missouri - St. L.
College of Arts & Sciences
Dept of Political Science

815--University of Missouri - St. L.
College of Arts & Sciences
Department of Psychology

816--University of Missouri - St. L.
College of Arts & Sciences
Dept of Sociology & Anthropology

817--University of Missouri - St. L.
College of Arts & Sciences
Department of Humanities

830--UNIVERSITY OF MISSOURI - ST. L.
SCHOOL OF BUSINESS ADMINISTRATION

840--UNIVERSITY OF MISSOURI - ST. L.
SCHOOL OF EDUCATION

841--University of Missouri - St. L.
School of Education
Dept of Administration, Philosophy
& Secondary Education

842--University of Missouri - St. L.
School of Education
Dept of Behavorial Studies
& Research

843--University of Missouri - St. L.
School of Education
Dept of Elementary Education

850--UNIVERSITY OF MISSOURI - ST. L.
CENTER FOR COMMUNITY & METROPOLITAN
STUDIES

860--UNIVERSITY OF MISSOURI - ST. L.
CENTER FOR INTERNATIONAL STUDIES

NON-CREDIT COURSES, SHORT COURSES AND EDUCATIONAL CONFERENCES

I. GENERAL POLICY AND PROCEDURES FOR CONFERENCES AND SHORT COURSES OFFERED BY THE UNIVERSITY OF MISSOURI

(Board of Curators Action - September 11, 1964)
(Board of Curators Amendment Sec. a, April 15, 1966)

The purpose of conferences and short courses held under University auspices shall be educational and consistent with University policy.

Conferences and short courses are a fundamental part of the extension function and contribute to the University's total educational program. Although such educational programs are not designed to grant college credit toward degrees, they draw directly upon the research, teaching and educational resources of the University for the benefit of citizens of the State.

Under the University's guidance and sponsorship, various groups meet with qualified resource people to acquire new information, develop greater insight and understanding concerning current problems and to learn new techniques -- all in an attempt to keep abreast with today's rapid advance in knowledge.

Short course and conference programs have the advantage of presenting -- in a quick, concise manner -- specifically selected topics which are of immediate concern to the participants. The knowledge of the University staff and experts working in the field is combined to provide useful, up-to-date instruction of value to technical, professional, managerial, and service workers, or to lay people interested in community service.

The need of the people of Missouri for educational services from their University is ever increasing. Since University Extension is operating on each of four campuses and twenty program planning units, the need to avoid unnecessary duplication of effort is paramount. The conference and short course methods will be to assist faculty and interested groups in planning and conducting educational conferences and short courses, to develop a means of coordinating offerings between all administrative units of the University of Missouri, and to obtain approval from the appropriate academic department(s) for all program activities.

A Declaration of Intent for Educational Conference, Short Course or Non-Credit Course, UED A13, will be issued (See form UED A13) in each case in order to facilitate communications and avoid duplication.

Conferences and short courses shall be planned to use most efficiently the faculties and facilities of the University and the available resources of the trade or professional association.

The University shall have full responsibility for determination and collection of fees and the payment of costs in connection with the conference and short course programs.

On occasions approved by the appropriate dean of extension, campus units may share academic sponsorship with educational, professional and learned organizations.

All campuses operate on a statewide basis for purposes of conferences, short courses and non-credit courses.

It will be the responsibility of the Vice President for Extension to develop procedures for approval by the President of the University which prevent wasteful duplication, encourage cooperation by all campuses in these activities, provide the best service to the citizens and insure adequate communication among all units of the University about such activities.

All persons attending programs shall pay the registration fee (if one has been established) except those involved as speakers, planners, and special guests. University faculty and staff and their students may attend and be considered as "special guests" without paying the fees, providing adequate space (seating) is available. They will, however, be required to pay meal costs or other out of pocket expenses relating to that program.

Programs may be developed that are uniquely designed for certain job classifications of the University's faculty, staff or students; in such cases a fee may be charged for development and implementation of the course.

Short courses, conferences and non-credit courses planned for off-campus locations may be fiscally administered by either a campus or university extension council.

Each dean of extension (or his designated representative) must secure approval from his appropriate fellow dean prior to the use of the services of faculty from another campus. If there is a question of legitimatizing all or any part of a course with another campus, this likewise must be approved by the appropriate fellow dean.

The University-wide extension office (Fiscal Affairs and Management) will be responsible for maintaining a supply of needed forms for both campus and University-wide purposes.

Please note the following in filling out UED A13:

Item 1. (From) Indicate on this line the campus or county council sponsoring the program. If located at UMKC, check only "Kansas City". If at Lamar, write Barton on the line and check the box before it.

Item 2. (Title) Insert the title of the activity and check one of the three boxes below it.

Item 3. (Description) Describe briefly in a sentence what is planned.

Item 4. (Location) Indicate where the activity is to be held.

Item 5. (Dates) Self explanatory

Item 6. (Source of Audience) Indicate from where the audience will come.

Item 7. (For Whom is the Activity Planned?) Self explanatory

Item 8. (Which Academic Department and Campus, etc.)

A. (Which academic department on which campus has approved the event?) If an area specialist is qualified to teach the particular subject indicate "local staff qualified".

B. (Is there another academic department(s) cooperating or requested to cooperate, if so who are they and to which campus do they relate?)

Item 9. (Cooperating groups) Self explanatory

Item 10. Comments. Indicate if CEU's are to be offered.

II. POLICY AND PROCEDURES FOR CAMPUS ADMINISTERED NON-CREDIT ACTIVITIES

All non-credit courses, short courses and conferences shall be approved by the appropriate academic departments. All informational literature (announcements of dates, programs, pre-registration forms, conference reports and proceedings) shall be approved by the appropriate academic department and the campus unit of conferences and short courses.

Cooperative planning for conferences and short courses is essential. There will be a planning committee for each conference (short courses, workshops and one day seminars). The committee will consist of representatives of the appropriate academic faculty or faculties, the group being served, and the appropriate conference and short course unit.

Campuses are to inform area extension directors of proposed programs offered in their administrative units and coordinate with the appropriate off-campus personnel. (See UED A 13)

Extension personnel on any of the campuses may initiate and operate appropriate educational conferences and short courses. However, if there is not located on the campus a department representing the major area of study involved in that conference or short course, academic approval will be controlled by the department on a campus which has this proficiency. The personnel on the campus operating the program will have the responsibility for making both fiscal and facility arrangements. These will be made through the appropriate office of conferences and short courses. These will include:

A. Approving the budget and recommending the fees to the Vice President.

B. Receiving and reporting to the University cashier the registration fees collected.

C. Authorizing the payment of the budgeted expenses.

D. Program expenses will be estimated in a budget recommended by the program planning committee and approved by the campus unit of conferences and short courses. Sufficient revenue to pay all budgeted expense will come from any one, or combinations of the following sources:

   (1) Registrants by paying a fee

   (2) Co-sponsoring organizations

   (3) Sponsoring departments (or division) of the University, when no registration fee is recommended, but the campus unit of conferences and short courses is called upon to render its usual services in planning and administering the program. In such cases, the sponsoring department will be billed for the budgeted expense.

   (4) Federal and state grants

If it is intended to pay the program personnel, it will be the responsibility of the planning committee to include this item in the program budget. A definite amount must be approved by the appropriate extension administrative officer before any commitment is made.

When campus administered programs are scheduled for off-campus location, notification shall be given as early as possible in the planning stage by distribution of UED A13.

(1) The responsibility for notification shall rest with the dean of extension on each campus.

(2) The University extension center personnel shall normally assist in the operation of campus-sponsored activities in the following way:

(a) Help arrange physical facilities.

(b) Publicize through mass media channels.

(c) Make personal contact with potential participants.

(d) Identify key people who should be contacted by campus.

(e) Be sufficiently informed to answer questions, if such are received by the extension center.

(f) Work cooperatively with campus administrator in administering the program.

(3) Campus based coordinators should inform area extension directors, or their representatives, of the action desired.

(4) Campus administered activities held in an area are expected to budget and to reimburse the area extension account for major expenses incurred for materials and other major out of pocket expense which are not a part of routine operation. These costs should be agreed upon in the budgeting process.

III. POLICY AND PROCEDURES FOR OFF-CAMPUS ADMINISTERED NON-CREDIT ACTIVITIES

University extension councils may request, in fact, are encouraged to request, programs directly from any campus.

When University extension council administered programs are scheduled, notification shall be given as early as possible in the planning stage by distribution of the UED A13.

(1) The responsibility for notification shall rest with the area extension director of the university extension centers of the area whose councils are sponsoring the activities, and in addition he (or his designated representative) shall serve as coordinator of all short courses, conferences and non-credit courses administered through the university extension councils of his area.

(2) It is recommended that the University of Missouri extension council of each county of each area appoint one or more members to the area program advisory committee. They will serve in an advisory capacity to area staff on programs to be offered. Of the committee members to be appointed by the respective area councils, one shall be a member of one of the councils.

(3) After subject matter areas have been determined, a short course committee shall be appointed. This committee shall include one or more members from each county appointed by the extension director, a representative(s) of the appropriate academic department(s) and from the group being served, if available. The short course committee will assist in working out program content of each short course and in promoting enrollment.

(4) Requests for assistance from campuses:

(a) When university extension center personnel request assistance from departments which do not have a person on extension appointment assigned for this purpose, the request should be sent to the dean of extension (or his designated representative).

(b) When requesting assistance from departments which have a faculty member on extension appointment for this purpose, the request should be sent directly to that person.

(5) Extension off-campus personnel who have received advanced training in their specialty and have been approved by a resident teaching department are given "area specialists" titles. These persons, without further approval, may teach within their specialty as specified by the teaching department. They may also approve program content and act in behalf of the department in their subject matter specialty. In the absence of this person both the program content and instructors must be approved by an appropriate subject matter department. In this case the area extension director will be held accountable to see that this action is fulfilled.

DECLARATION OF INTENT FOR
EDUCATIONAL CONFERENCE, SHORT COURSE OR NON-CREDIT COURSE

Date: _____

FROM: ☐ Columbia ☐ Kansas City ☐ Rolla ☐ St. Louis ☐ _____ County

TITLE: _____

☐ Conference ☐ Short Course ☐ Non-Credit Course

DESCRIPTION: _____

LOCATION: ☐ on campus ☐ off campus ☐ _____ Town

DATES: _____ (Approximate) **DURATION:** _____ hours or _____ days

SOURCE OF AUDIENCE: ☐ Local ☐ Area ☐ State ☐ Regional ☐ National

FOR WHOM IS THE COURSE OR CONFERENCE PLANNED?

WHICH ACADEMIC DEPARTMENT AND CAMPUS WILL BE COOPERATING OR REQUESTED TO COOPERATE?

ARE THERE CO-SPONSORING GROUPS? WHO AND WHAT ARE THEY?

COMMENTS:

Distribution:
Appropriate U-W Program Director
Area Extension Director
Each Dean of Extension
U-W Conference Office (Snider)
Local file copy

_____
Director or Coordinator

CEU (5-74)
UED A 13 (9-73 Rev) 4000 (3-74)

UNIVERSITY OF MISSOURI – EXTENSION
NON-CREDIT ACTIVITY REGISTRATION AND RECEIPT FORM

COLUMBIA – KANSAS CITY – ROLLA – ST. LOUIS – UNIV.-WIDE

DATE RECEIVED

CONTROL NO 00030

UM UW FORM NO. 203 (SEP 73)
PLEASE TYPE OR PRINT WITH BALL POINT PEN

The University of Missouri is an equal opportunity education institution. The information requested is required for reports to governmental agencies. As categorized by the Department of Health, Education and Welfare, in which of the following groups do you classify yourself?
American Indian Caucasian Negro Spanish surnamed American
Oriental Other Minority

THIS SPACE FOR OFFICE USE ONLY

NAME (First, Middle, Last)	SOCIAL SECURITY NUMBER	ACTIVITY CODE	METHOD OF PAYMENT
HOME ADDRESS (Street, Route, or Box Number)	AREA CODE & HOME PHONE	FEE	
CITY, STATE, ZIP CODE	County, if Mo., or Foreign Country	MEALS	
NAME OF ORGANIZATION REPRESENTED	AREA CODE & BUS. PHONE	OTHER	
TITLE OF PROGRAM		TOTAL	
LOCATION (CITY & BUILDING) OF PROGRAM	BEGINNING DATE	Bank Americard No. & Expiration Date	
		Master Charge No. & Expiration Date	

PROG. ID. _____ PAGE _____

AN, AT 10 CHARACTERS PER INCH, 6 LINES PER VERTICAL INCH) DATE _____

Fold back at dotted line

Exhibit A (CEU-1, 1A)

UMENTALIST: Inquiry message for CEUAC
Continuing Education Units

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
1	ACT CODE										BEGIN AND END DATES														EUROLL		CEU'S		ACD		ADM		NCHEMS								CERT
2	X										XX-XX-XX / XX-XX-XX														X		XXX.X		XX		XX		X								YES (OR NO)
3																																									
4	TITLE																																								
5	X																																								
6	X																																								
7																																									
8	DESCRIPTION																																								
9	X																																								
10	X																																								
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15	description up one line.																																								
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1

APPLICATION CEU ACTIVITY RECORD

IBM 1240 · 1401 · 1410 · 1420 · 1440 · 1460

DATE

CEU-1, 1A INPUT-OUTPUT

CEU-3,5 INPUT-OUTPUT

CEU-739 INPUT

SYMBOLIC

DATA

LOCATION / WORD MARK

360 LABELS

ACTIVITY CODE | PREVIOUS DATA: MO DA YR | NEW DATA: MO DA YR | ACTIVITY CODE | ACTIVITY CODE | YEAR UNIT | ROOM UNIT | NCHEMS PSC | ACTIVITY TITLE 1ST LINE

ACTIVITY TITLE 2ND LINE | ACTIVITY

DESCRIPTION 1ST LINE | ACTIVITY DESCRIPTION 2ND LINE

ACTIVITY DESCRIPTION 3RD LINE

ACTIVITY DESCRIPTION 4TH LINE | YCAN

Y= PREPARE CERTIFICATES
N= DONT PREPARE CERTIFICATES

* INTP 500 A(20) C= ACTIVITY CODE

"D" IN POSITION 500 MEANS DELETE

2

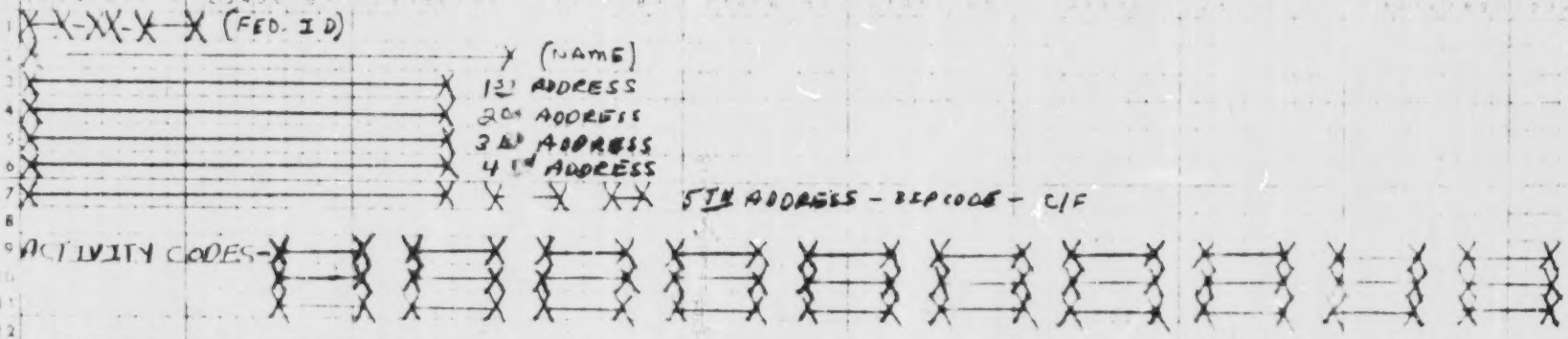
PROG. ID. _____ PAGE _____ ← Fold back at dotted line

(AT 10 CHARACTERS PER INCH, 6 LINES PER VERTICAL INCH) DATE _____

PROGRAMMER _____

EXHIBIT # 3 CEU-2 MESSAGE

INQUIRY MESSAGE FOR CEUST CONTINUING EDUCATION UNITS



NOTE: The ZIP code and country-foreign country code is to be limited to the right of the last line of address.

EXHIBIT #1

APPLICATION CEU STUDENT RECORD

IBM 1240 1401 1410 1420 1440 1460

DATE

RECORD 360 LABELS

MASTER

SYMBOLIC

DATA — FEDERAL I.D. NO. | NAME (LAST NAME FIRST) LAST NAME | FIRST NAME | NAME (LAST NAME FIRST) | 1ST LINE ADDRESS

LOCATION

WORD MARK

CEU-2,2A INPUT-OUTPUT
CEU-4 INPUT-OUTPUT

SYMBOLIC

DATA — 2ND LINE ADDRESS | 3RD LINE ADDRESS | 4TH LINE ADDRESS | 5TH LINE ADDRESS

LOCATION

WORD MARK

CEU-6,7,8 INPUT-OUTPUT

SYMBOLIC

DATA — ZIP CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE

LOCATION

WORD MARK

SYMBOLIC

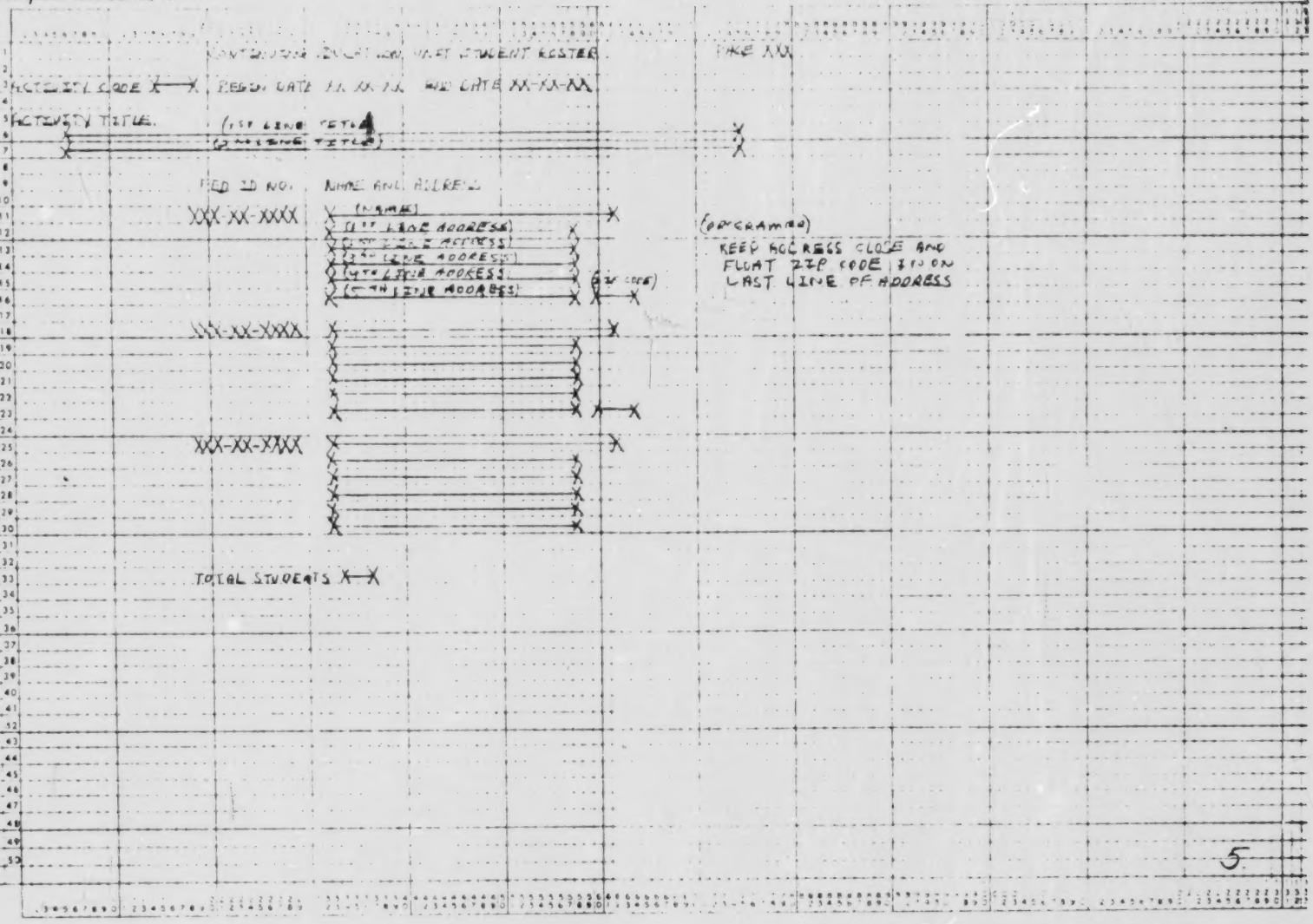
DATA — ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE | ACTIVITY CODE |

PROGRAM TITLE EXHIBIT # 3 (CEU OUTPUT)

PROGRAMMER OR DOCUMENTALIST

TITLE CEU STUDENT ROSTER

PAGE CONTROL



Fold back or dotted line

Fold in or dotted line

SPACING: 144 POSITION SPAN, AT 10 CHARACTERS PER INCH, 6 LINES PER VERTICAL INCH) DATE

PROGRAM TITLE EXHIBIT #4 CEU-9 OUTPUT

PROGRAMMER OR DOCUMENTALIST

CHART TITLE LIST OF STUDENTS NOT AWARDED CEU'S

CARRIAGE CONTROL

STUDENTS NOT AWARDED CEU'S FOR ACTIVITY CODE X X

(FEDID) (STUDENT NAME)

XXX-XX-XXXX X

XXX-XX-XXXX X

XXX-XX-XXXX X

XXX-XX-XXXX X

TOTAL XXXX

STUDENT RECORDS UNMATCHED ON ACTIVITY CODE X X

XXX-XX-XXXX X

XXX-XX-XXXX X

XXX-XX-XXXX X

6

Fold

STORAGE LAYOUT

APPLICATION CEU STUDENT ENTRY RECORD — IBM 1240 1401 1410 1420 1440 1460 — DATE

36015

CEU-9 OUTPUT
CEU-10 INPUT

SYMBOLIC
DATA
LOCATION WORD MARK

| | | |

IBM EXHIBIT #2

INTERNATIONAL BUSINESS MACHINES CORPORATION

GX24-6399-0
Printed in U.S.A

MULTIPLE-CARD LAYOUT FORM

Company CEU DATA

Application CEU-10 INPUT by _____ Date _____ Job No. _____ Sheet No. _____

DEPT. CODE | CAMPUS CODE | CARD NO. | ← NAME OR DESCRIPTION →

CAMPUS CODE = C, K, R, S

CARD NO. = 1 OR 2

8

TITLE ENTIRE # 3 CEU-10 OUTPUT

FOR DOCUMENTATION

CEU STUDENT CERTIFICATE

CONTROL

(PLAIN WHITE MARKING PAPER PLOT)

UNIVERSITY OF MISSOURI - EXTENSION

HEREBY CERTIFIES THAT

NAME (FIRST NAME MIDDLE) X ← CENTER THE NAME

XXX-XX-XXXX (FED I.D.)

COMPLETED ON (MONTH-DAY-YEAR) X

(CENTER THE COMPLETION DATE)

THE CONTINUING EDUCATION PROGRAM TITLED:

PRINT ACTIVITY ON THE SAME LINE WITH TITLE - IF NOT ENOUGH ROOM GO ON TO 2ND LINE.

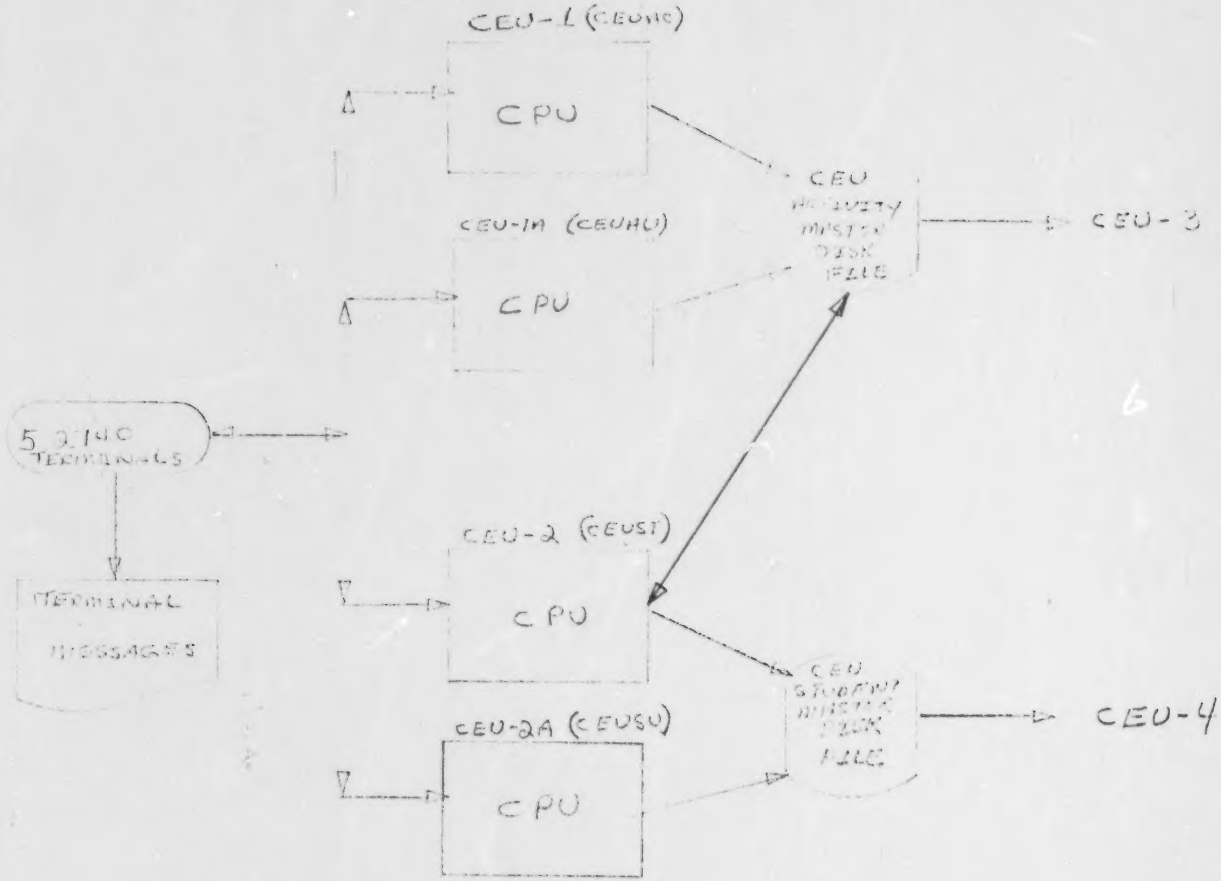
PROGRAM DESCRIPTION

IN RECOGNITION OF COMPLETION OF THIS (PROGRAM) XXX.X CONTINUING EDUCATION UNIT(S) HAVE BEEN AWARDED BY (ADDRESS OF CENTER) (DEPARTMENT)

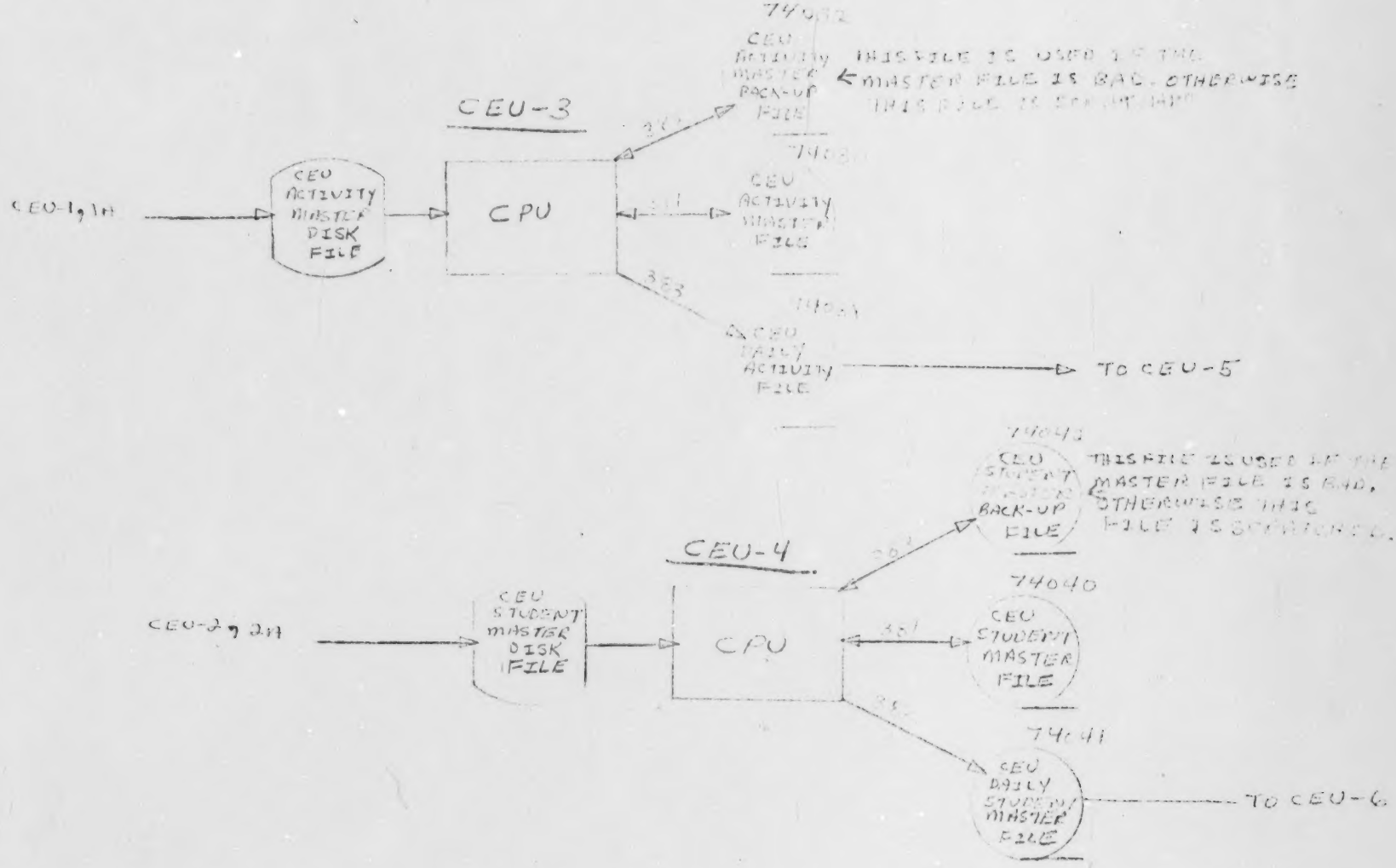
THE UNIVERSITY OF MISSOURI - COLUMBIA
THE UNIVERSITY OF MISSOURI - ROLLA
THE UNIVERSITY OF MISSOURI - KANSAS CITY
THE UNIVERSITY OF MISSOURI - ST. LOUIS
LINCOLN UNIVERSITY

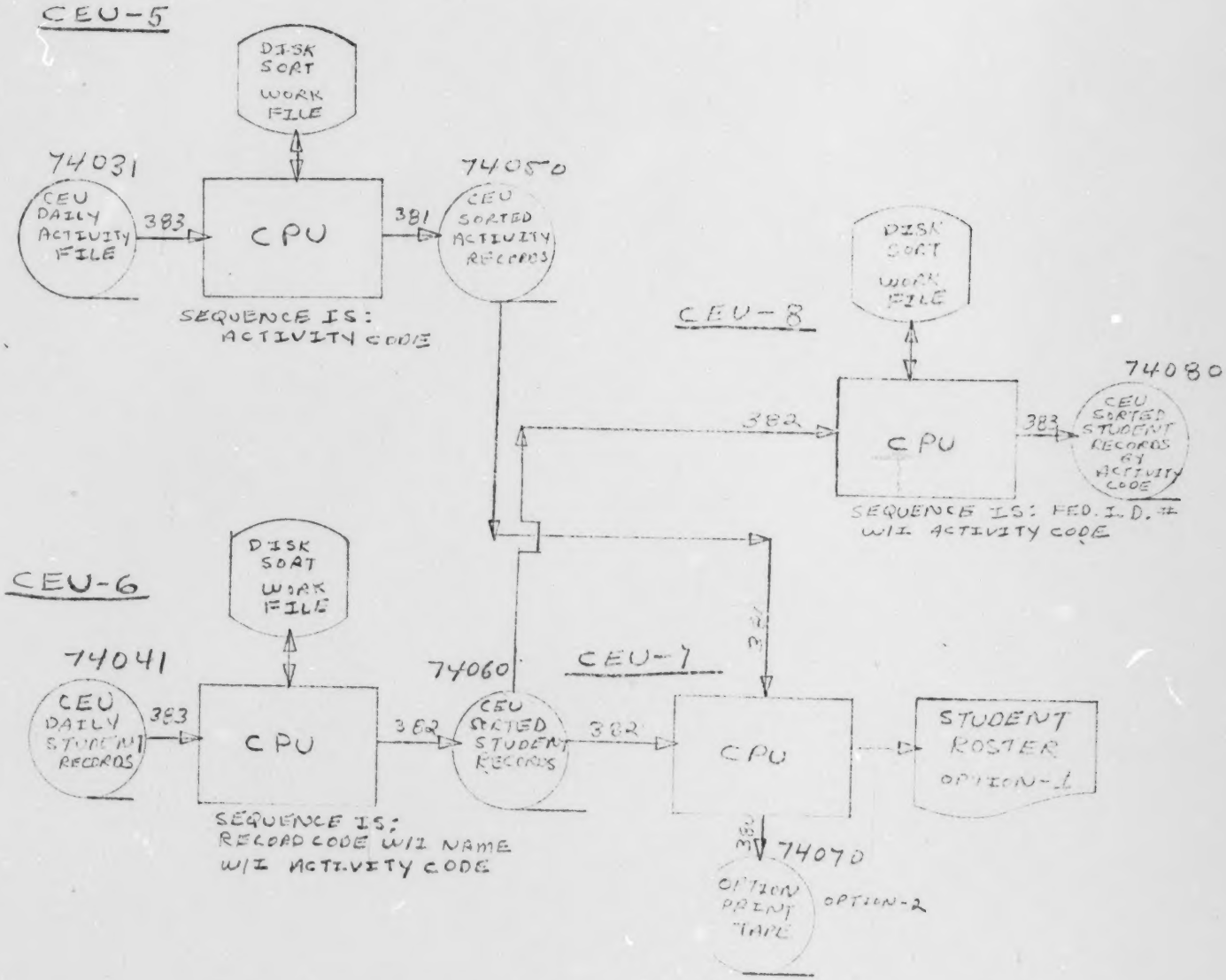
CARL N. SCHERNAN
VICE PRESIDENT OF THE
UNIVERSITY OF MISSOURI
FOR EXTENSION

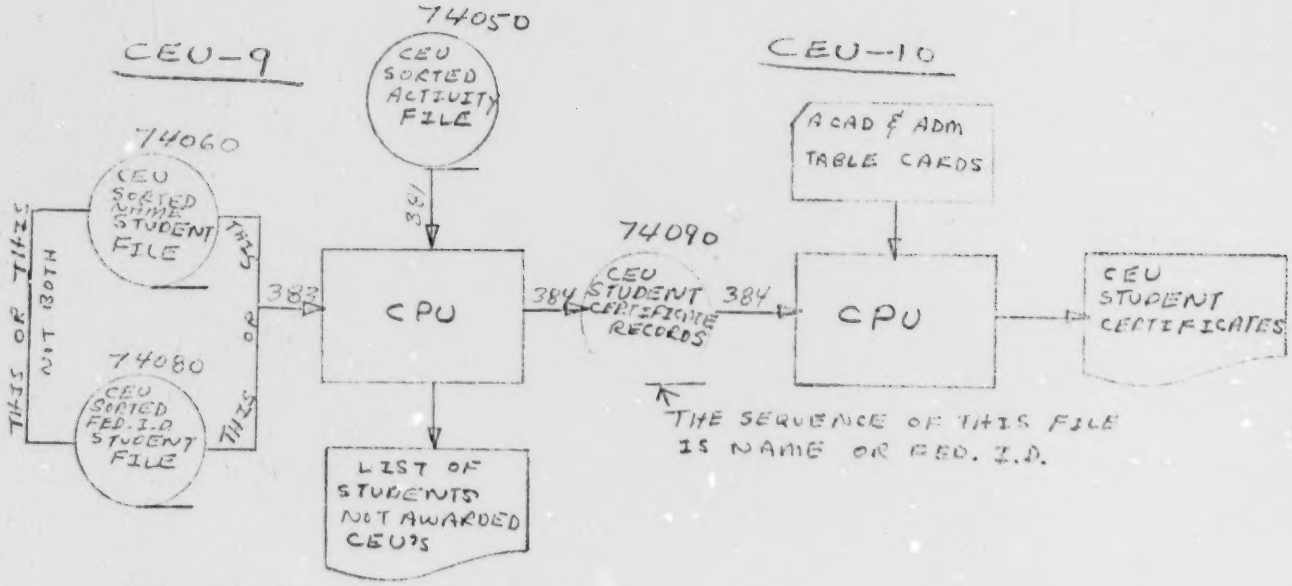
9



CONTINUING EDUCATION UNITS CEU-1, 1A, 2, 2A


CEU-3
CEU-1, 1H
CEU ACTIVITY MASTER DISK FILE
CPU
CEU ACTIVITY MASTER BACK-UP FILE
CEU ACTIVITY MASTER FILE
CEU DAILY ACTIVITY FILE
TO CEU-5
CEU-4
CEU-2, 2H
CEU STUDENT MASTER DISK FILE
CPU
CEU STUDENT MASTER BACK-UP FILE
CEU STUDENT MASTER FILE
CEU DAILY STUDENT MASTER FILE
TO CEU-6


CEU-5
DISK SORT WORK FILE
74031
CEU DAILY ACTIVITY FILE
383
CPU
381
74050
CEU SORTED ACTIVITY RECORDS
SEQUENCE IS: ACTIVITY CODE
CEU-8
DISK SORT WORK FILE
74080
382
CPU
383
CEU SORTED STUDENT RECORDS BY ACTIVITY CODE
SEQUENCE IS: FED. I.D. # W/I ACTIVITY CODE
CEU-6
DISK SORT WORK FILE
74041
CEU DAILY STUDENT RECORDS
383
CPU
382
74060
CEU SORTED STUDENT RECORDS
CEU-7
382
382
CPU
STUDENT ROSTER OPTION-1
SEQUENCE IS: RECORD CODE W/I NAME W/I ACTIVITY CODE
382
74070
OPTION PRINT TAPE
OPTION-2



CEU-9 HAS TWO OPTIONS.
OPTION-1 NAME SEQUENCE
OPTION-2 FED-I.D. SEQUENCE

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001010 IDENTIFICATION DIVISION.                                         CEU1
001020 PROGRAM-ID. 'CEU1'.                                              CEU1
001030 AUTHOR. HARRY PRITTIE CHARLOTTE NORTH CAROLINA.                  CEU1
001040 ENVIRONMENT DIVISION.                                            CEU1
001050 DATA DIVISION.                                                   CEU1
001060 WORKING-STORAGE SECTION.                                         CEU1
001070 77  ON          PICTURE X VALUE '1'.                           CEU1
001080 77  OFF         PICTURE X VALUE '0'.                           CEU1
001090 01  SYMB-KEY.                                                  CEU1
001100     02  ACT-KEY PICTURE X(5).                                  CEU1
001110     01  ST-TERM.                                                 CEU1
001112         02  ST-IO1  PICTURE X.                                   CEU1
001114         02  FILLER  PICTURE XXXX.                                CEU1
001120 01  FILLER.                                                    CEU1
001130     02  EDT-XX  PICTURE 9(7) VALUE 1386039 COMPUTATIONAL.      CEU1
001140     02  FILLER REDEFINES EDT-XX.                               CEU1
001150         03  FILLER  PICTURE X.                                 CEU1
001160         03  EDT-SEQ.                                           CEU1
001170             04  CP  PICTURE X.                                 CEU1
001180             04  EDM PICTURE X.                                 CEU1
001190             04  EDT PICTURE X.                                 CEU1
002010 01  TRANS-AREA.                                                CEU1
002020     02  TR-IND  PICTURE X(5).                                  CEU1
002030     02  TR-INDA REDEFINES TR-IND PICTURE X OCCURS 5 TIMES.     CEU1
002040     02  TR-DATE-MD.                                            CEU1
002050         03 TR-DMO PICTURE 99.                                  CEU1
002060         03 TR-DMOA REDEFINES TR-DMO PICTURE X OCCURS 2 TIMES.  CEU1
002070         03 TR-DDA PICTURE 99.                                  CEU1
002080         03 TR-DDAA REDEFINES TR-DDA PICTURE X OCCURS 2 TIMES.  CEU1
002090         03 TR-DYR PICTURE 99.                                  CEU1
002100         03 TR-DYRA REDEFINES TR-DYR PICTURE X OCCURS 2 TIMES.  CEU1
002110     02  TR-DATE-EMD.                                           CEU1
002120         03 TR-EMO PICTURE 99.                                  CEU1
002130         03 TR-EMOA REDEFINES TR-EMO PICTURE X OCCURS 2 TIMES.  CEU1
002140         03 TR-EDA PICTURE 99.                                  CEU1
002150         03 TR-EDAA REDEFINES TR-EDA PICTURE X OCCURS 2 TIMES.  CEU1
002160         03 TR-EYR PICTURE 99.                                  CEU1
002170         03 TR-EYRA REDEFINES TR-EYR PICTURE X OCCURS 2 TIMES.  CEU1
003010     02  TR-EMPNO PICTURE 9(4).                                 CEU1
003020     02  TR-EMPA REDEFINES TR-EMPNO PICTURE X OCCURS 4 TIMES.   CEU1
003030     02  TR-CEU  PICTURE  9(4).                                 CEU1
003040     02  TR-CEUA REDEFINES TR-CEU PICTURE X OCCURS 4 TIMES.     CEU1
003050     02  TR-ACD  PICTURE 999.                                   CEU1
003060     02  TR-ACDA REDEFINES TR-ACD PICTURE X OCCURS 3 TIMES.     CEU1
003070     02  TR-ADM  PICTURE 999.                                   CEU1
003080     02  TR-ADMA REDEFINES TR-ADM PICTURE X OCCURS 3 TIMES.     CEU1
003090     02  TR-NCH  PICTURE 9(8).                                  CEU1
003100     02  TR-NCHA REDEFINES TR-NCH PICTURE X OCCURS 8 TIMES.     CEU1
003110     02  TR-CEUY PICTURE X.                                     CEU1
003130     02  TR-TITLE    PICTURE X(70).                             CEU1
003140     02  TR-TIA REDEFINES TR-TITLE PICTURE X OCCURS 70 TIMES.   CEU1
003150     02  TR-DES      PICTURE X(70).                             CEU1
003160     02  TR-DESA REDEFINES TR-DES PICTURE X OCCURS 70 TIMES.    CEU1
003170     02  TR-DATE-BD  PICTURE X(6).                              CEU1
003180     02  TR-BDA REDEFINES TR-DATE-BD PICTURE X OCCURS 6 TIMES.
003190     02  TR-DATE-ED  PICTURE X(6).                              CEU1
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004200      02  T-[illegible] REDEFINES TR-DATE-FLD PICTURE X OCCURS 6 TIMES.
004010      02  ST-CODE PICTURE X(4).                                          CEU1
004020      02  ST-CODE-R REDEFINES ST-CODE PICTURE X OCCURS 4 TIMES.          CEU1
004030      02  T-CNT PICTURE XX.                                              CEU1
004035      02  T-CNT-R REDEFINES T-CNT PICTURE X OCCURS 2 TIMES.              CEU1
004036      02  ST-IDX      PICTURE XXX.                                       CEU1
004040  01  REC-AREA.                                                          CEU1
004050      02  R-ACTCODE   PICTURE X(5).                                      CEU1
004060      02  R-BMO       PICTURE XX.                                        CEU1
004070      02  R-BDA       PICTURE XX.                                        CEU1
004080      02  R-BYR       PICTURE XX.                                        CEU1
004090      02  R-EMO       PICTURE XX.                                        CEU1
004100      02  R-EDA       PICTURE XX.                                        CEU1
004110      02  R-EYR       PICTURE XX.                                        CEU1
004120      02  R-PARCEL    PICTURE X(4).                                      CEU1
004130      02  R-CEU       PICTURE X(4).                                      CEU1
004135      02  R-CEU-N REDEFINES R-CEU PICTURE 999V9.                         CEU1
004140      02  FILLER      PICTURE X.                                         CEU1
004150      02  R-ACAT      PICTURE XXX.                                       CEU1
004160      02  FILLER      PICTURE X.                                         CEU1
004170      02  I-ADM       PICTURE XXX.                                       CEU1
004180      02  R-PSC       PICTURE X(8).                                      CEU1
004190      02  R-TITLE     PICTURE X(70) OCCURS 6 TIMES.                      CEU1
004195      02  R-CEUY      PICTURE X.                                         CEU1
004200      02  FILLER      PICTURE X(37).                                     CEU1
004300      02  R-SOJ       PICTURE X.                                         CEU1
005010  01  TR       PICTURE S9(4) VALUE +0 COMPUTATIONAL.                     CEU1
005020  01  SUB      PICTURE S9(4) VALUE +0 COMPUTATIONAL.                     CEU1
005030  01  REC      PICTURE S9(4) VALUE +0 COMPUTATIONAL.                     CEU1
005040  01  INC-SW  PICTURE X VALUE ' '.                                       CEU1
005060  01  ERR-MSG1.                                                          CEU1
005065      02  ER-IND  PICTURE X(5).                                          CEU1
005070      02  FILLER  PICTURE X(50).                                         CEU1
005080      02  ER-FIT1 PICTURE XXX.                                           CEU1
005100  01  ERR-MSG2.                                                          CEU1
005105      02  ER-IND2 PICTURE X(5).                                          CEU1
005106      02  FILLER  PICTURE X.                                             CEU1
005110      02  ER-MS2.                                                        CEU1
005120          03  ER-MS3  PICTURE X(15).                                     CEU1
005130          03  ER-TR1  PICTURE X(5).                                      CEU1
005140          03  FILLER  PICTURE X.                                         CEU1
005142          03  ER-TRA  PICTURE X.                                         CEU1
005144          03  FILLER  PICTURE X(5).                                      CEU1
005150      02  ER-TR       PICTURE X.                                         CEU1
005160      02  FIT2        PICTURE XXX.                                       CEU1
005170  01  DELETE-AREA.                                                       CEU1
005180      02  DEL-CK  PICTURE X OCCURS 6 TIMES.                              CEU1
005210 01  INC-PRINT.                                                         CEU1
005220      02  FIL PICTURE X(29) VALUE 'ACT CODE  BEGIN AND END DATES'.       CEU1
005230      02  FIL PICTURE X(13) VALUE '  PARCEL  CEU'.                      CEU1
005240      02  FIL PICTURE X     VALUE SPACE.                                 CEU1
005250      02  FIL PICTURE X(27) VALUE 'S  ACD  ADM   SCHEME   CERT'.         CEU1
005260      02  IP-CR1      PICTURE X.                                         CEU1
005265      02  INC-PRINT1.                                                    CEU1
005270      03  FIL         PICTURE      XX.                                   CEU1
005280      03  IP-ACCN     PICTURE      X(5).                                 CEU1
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005240      03  FIL            PICTURE      XXX.                          CEU1
005300      03  IP-PM          PICTURE      XX.                           CEU1
005310      03  IP-C1          PICTURE      X.                            CEU1
005320      03  IP-RDA         PICTURE      XX.                           CEU1
005330      03  IP-D2          PICTURE      X.                            CEU1
005340      03  IP-EYE         PICTURE      XX.                           CEU1
005350      03  IP-S1          PICTURE      XXX.                          CEU1
005360      03  IP-EMP         PICTURE      XX.                           CEU1
005370      03  IP-D3          PICTURE      X.                            CEU1
005380      03  IP-EDA         PICTURE      XX.                           CEU1
005390      03  IP-D4          PICTURE      X.                            CEU1
005400      03  IP-EYE         PICTURE      XX.                           CEU1
005410      03  FIL            PICTURE      XXX.                          CEU1
005420      03  IP-ENROLL      PICTURE      X(4).                         CEU1
005430      03  FIL            PICTURE      XXX.                          CEU1
005440      03  IP-CEU         PICTURE      $99.9.                        CEU1
005450      03  FIL            PICTURE      XX.                           CEU1
005460      03  IP-ACD         PICTURE      XXX.                          CEU1
005470      03  FIL            PICTURE      XX.                           CEU1
005480      03  IP-ADM         PICTURE      XXX.                          CEU1
005490      03  FIL            PICTURE      XX.                           CEU1
005500      03  IP-MCM         PICTURE      X(8).                         CEU1
005510      03  FIL            PICTURE      XXX.                          CEU1
005520      03  IP-CERT        PICTURE      XXX.                          CEU1
005530      03  IP-CR2         PICTURE      X.                            CEU1
005540      03  IP-CR3         PICTURE      X.                            CEU1
005550      03  IP-CONS        PICTURE      X(21).                        CEU1
005560      03  IP-CR4         PICTURE      X.                            CEU1
005610      03  IP-LINE1 OCCURS 5 TIMES.                                  CEU1
005620          05  IP-LINEA  PICTURE X(70).                              CEU1
005630          05  IP-EOT.                                               CEU1
005635              06  FILLER  PICTURE X.                                CEU1
005640              06  IP-CR5  PICTURE X.                                CEU1
005650              06  IP-CR6  PICTURE X.                                CEU1
006010 LINKAGE SECTION.                                                   CEU1
006030     01  CEU-MSSG.                                                  CEU1
006040         02  MSG-HEADER.                                           CEU1
006050             03  FILLER  PICTURE X.                                CEU1
006060             03  TERMID PICTURE X(5).                              CEU1
006070             03  FILLER  PICTURE X(9).                             CEU1
006072         02  MSG-TEXT    PICTURE X(577).                           CEU1
006074         02  FILLER REDEFINES MSG-TEXT.                            CEU1
006080           03 TEXT        PICTURE X OCCURS 577 TIMES.             CEU1
006100     01  LINK-REC.                                                  CEU1
006110         02  FILLER  PICTURE X(499).                               CEU1
006112         02  LNK-SCO PICTURE X.                                    CEU1
006130     01  MORITSW      PICTURE X.                                    CEU1
006140     01  SYMKEY       PICTURE X(5).                                 CEU1
006150     01  FILESW       PICTURE X.                                    CEU1
006160     01  RTRNSW       PICTURE X.                                    CEU1
006170     01  CORERR       PICTURE X(4).                                 CEU1
006180     01  ICACTION     PICTURE X(7).                                 CEU1
006190     01  FILENAME     PICTURE X(9).                                 CEU1
007010 PROCEDURE DIVISION.                                                CEU1
007020     ENTER LINKAGE.                                                 CEU1
007030     ENTRY 'CEUACC' USING CEU-MSSG, LINK-REC, MORITSW, SYMKEY.      CEU1
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007340          FILESW = 'Y'.  ERRSW = 'N', ERRNO = 0, REACTION, FILEADD.      CEU1
007350      ENTER COBOL.                                                       CEU1
007360      MOVE 'XCTL' TO ERRSW.                                              CEU1
007370      IF FILESW = 'N' GO TO B1.                                          CEU1
007380      IF RTENSW = 'Y' GO TO B1.                                          CEU1
007382      IF TERM-ID = 'COLR1' GO TO C1.                                        CEU1
007384      IF TERM-ID = 'COLR1' GO TO C1.                                        CEU1
007386      IF TERM-ID = 'XCITY' GO TO C1.                                        CEU1
007388      IF TERM-ID = 'STLR1' GO TO C1.                                        CEU1
007389      IF TERM-ID = 'STLR2' GO TO C1.                                        CEU1
007390      IF TERM-ID = 'OWEXT' GO TO C1.                                        CEU1
007100      IF TERM-ID = 'MONTR' GO TO C1.                                     CEU1
007110      GO TO B1.                                                          CEU1
007120 RETURN-TO-MPROTAM.                                                      CEU1
007130      MOVE ' ' TO RTENSW.                                                CEU1
007140      MOVE OFF TO FILESW.                                                CEU1
007150 A1.                                                                     CEU1
007160      ENTER LINKAGE.                                                     CEU1
007170      RETURN.                                                            CEU1
007180      ENTER COBOL.                                                       CEU1
007190 B1.                                                                     CEU1
007200      GO TO A1.                                                          CEU1
007300      NOTE ***************************************************************** CEU1
007400      *      CHECK VALIDITY OF ACTIVITY CODE                            *  CEU1
007500      *****************************************************************.CEU1
008010 C1.                                                                     CEU1
008020      MOVE SPACES TO TRANS-AREA, REC-AREA.                               CEU1
008023      MOVE SPACES TO DELETE-AREA.                                        CEU1
008025      MOVE TERM-ID TO ST-TERM.                                           CEU1
008030      MOVE +0  TO TR, SUB, REC.                                          CEU1
008040      MOVE ' ' TO INQ-SW.                                                CEU1
008050       GO TO A2.                                                        CEU1
008060 D1.                                                                     CEU1
008070      MOVE SPACES TO ERR-MSSG1, MSG-TEXT.                                CEU1
008080      MOVE 'INVALID PROGRAM-ID OR FORMAT - PLEASE RESEND ' TO            CEU1
008090      ERR-MSSG1. MOVE ER-INO  TO ER-INC.                                 CEU1
008100      MOVE EOT-SEQ TO PR-EOT1.                                           CEU1
008110      MOVE ERR-MSSG1 TO MSG-TEXT.                                        CEU1
008120      GO TO RETURN-TO-MPROTAM.                                           CEU1
008130 A2.                                                                     CEU1
008140      ADD +1 TO TR.                                                      CEU1
008142      IF TEXT (TR) = ST-ID 1 GO TO B2.                                     CEU1
008144      IF ST-TERM = 'OWEXT' MOVE 'MONTR' TO ST-TERM.                        CEU1
008145      IF TEXT (TR) = 'I' GO TO A12.                                      CEU1
008150      IF TEXT (TR) = 'C'  AND ST-TERM = 'MONTR' GO TO B2.                CEU1
008160      IF TEXT (TR) = 'R'  AND ST-TERM = 'MONTR' GO TO B2.                CEU1
008170      IF TEXT (TR) = 'L'  AND ST-TERM = 'MONTR' GO TO B2.                CEU1
008180      IF TEXT (TR) = 'E'  AND ST-TERM = 'MONTR' GO TO B2.                CEU1
008190      IF TEXT (TR) = 'S'  AND ST-TERM = 'MONTR' GO TO B2.                CEU1
008200      IF TEXT (TR) = 'L'  AND ST-TERM = 'MONTR' GO TO B2.                CEU1
008300      MOVE '1' TO INQ-SW.                                                CEU1
009010 B2.                                                                     CEU1
009020      ADD +1 TO SUB. IF SUB > +5 MOVE '1' TO INC-SW, GO TO C2.           CEU1
009030      MOVE TEXT (TR) TO TR-INDA (SUB).                                   CEU1
009040      ADD +1 TO TR.                                                      CEU1
009045      IF TR = +6 AND TEXT (TR) = ' ' MOVE +0 TO SUB, GO TO E10.          CEU1
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009050      IF TEXT (TR) = ',' GO TO B2A.                                  CEU1
009060      IF TEXT (TR) = CR  ADD +1 TO TR GO TO B2A.                     CEU1
009070      IF TEXT (TR) < 'C' MOVE '1' TO INQ-SW.                         CEU1
009080      GO TO B2.                                                      CEU1
009085 B2A.                                                                  CEU1
009086       IF SUB NOT = +5 MOVE '1' TO INQ-SW.                           CEU1
009087      IF ST-INQA = 'INQ' MOVE +0 TO SUB GO TO B10.                   CEU1
009090 C2.                                                                 CEU1
009100      IF INQ-SW = ' ' MOVE +0 TO SUB, GO TO B10.                     CEU1
009110      MOVE SPACES TO MSG-TEXT, ERR-MSSG2.                            CEU1
009120      MOVE TR-INQ TO ER-INQ2.                                        CEU1
009130      MOVE EDT-SEQ TO EDT2.                                          CEU1
009132      IF INQ-SW = '0' MOVE 'RECORD NOT ON FILE' TO ER-MS2 GO TO D2.  CEU1
009140      IF INQ-SW = '1' MOVE  'INVALID ACTIVITY CODE ' TO ER-MS2,      CEU1
009150      GO TO D2.                                                      CEU1
009160      MOVE 'INVALID TRANS CODE - ' TO ER-MS2                         CEU1
009170      MOVE INQ-SW  TO ER-TRA.                                        CEU1
009175      IF INQ-SW = '0' MOVE 'INVALID DESCRIPTION  ' TO ER-MS2,        CEU1
009176      MOVE ' ' TO ER-TR.                                             CEU1
009177      IF INQ-SW = 'E' MOVE 'DUPLICATE ACT CODE ON FILE ' TO          CEU1
009178      ER-MS2, MOVE ' ' TO ER-TR.                                     CEU1
009179 D2.                                                                  CEU1
009180       MOVE ERR-MSSG2 TO MSG-TEXT.                                   CEU1
009185      GO TO RETURN-TO-MPROGRAM.                                      CEU1
009190 A3.                                                                 CEU1
010020      ADD +1 TO TR.                                                  CEU1
010030      IF TEXT (TR) NOT = '2'  MOVE '2' TO INQ-SW GO TO  C2.          CEU1
010040      ADD +1 TO TR.                                                  CEU1
010050      IF TEXT (TR) NOT = '-' MOVE '2' TO INQ-SW GO TO C2.            CEU1
010060 B3.                                                                 CEU1
010070      ADD +1 TO TR.                                                  CEU1
010080      IF TEXT (TR) = ',' GO TO D3.                                   CEU1
010090      IF TEXT (TR) = CR  ADD +1 TO TR GO TO D3.                      CEU1
010100      ADD +1 TO SUB.                                                 CEU1
010110      IF SUB > +6 GO TO C3.                                          CEU1
010115      MOVE TEXT (TR) TO TR-BGD (SUB) GO TO B3.                       CEU1
010120 C3.                                                                 CEU1
010130      ADD +1 TO REC.                                                 CEU1
010140      IF REC > +6  GO TO E3.                                         CEU1
010150      MOVE TEXT (TR) TO TR-END (REC) GO TO B3.                       CEU1
011010 D3.                                                                 CEU1
011015       MOVE ALL '0' TO TR-DATE-BEG, TR-DATE-END.
011020      MOVE TR-DATE-BG TO TR-DATE-BEG.                                CEU1
011030      MOVE TR-DATE-EN TO TR-DATE-END.                                CEU1
011032      IF TR-EYR NOT NUMERIC GO TO E3.                                  CEU1
011033      IF TR-EYR NOT NUMERIC GO TO E3.                                  CEU1
011040      IF  TR-BMO < 01  GO TO E3.                                     CEU1
011050      IF  TR-BMO > 12  GO TO E3.                                     CEU1
011060      IF  TR-BDA < 01  GO TO E3.                                     CEU1
011070      IF  TR-BDA > 31  GO TO E3.                                     CEU1
011080      IF  TR-EMO < 01  GO TO E3.                                     CEU1
011090      IF  TR-EMO > 12  GO TO E3.                                     CEU1
011100      IF  TR-EDA < 01  GO TO E3.                                     CEU1
011110      IF  TR-EDA > 31  GO TO E3.                                     CEU1
011120      IF  TR-BYR >  TR-EYR  GO TO E3.                                CEU1
011130      IF  TR-BYR =  TR-EYR AND TR-EMO < TR-BMO GO TO E3.             CEU1
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                                                                        CEU1
                                                                        CEU1
                                                                        CEU1
                                                                        CEU1
                                                                        CEU1
                                                                        CEU1
                                                                        CEU1
012010 A4.                                                              CEU1
012020      ADD +1 TO TR. MOVE +0  TO SUB, REC.                         CEU1
012030      IF TEXT (TR) NOT = '3' MOVE '3' TO IAC-SW GO TO C2.         CEU1
012040      ADD +1 TO TR.                                               CEU1
012050      IF TEXT (TR) NOT = '-' MOVE '3' TO IAC-SW GO TO C2.         CEU1
012060 B4.                                                             CEU1
012070      ADD +1 TO TR.                                               CEU1
012080      IF TEXT (TR) = ',' GO TO C4.                                CEU1
012090      IF TEXT (TR) = CR  ADD +1 TO TR GO TO C4.                   CEU1
012100      ADD +1 TO SUB. IF SUB > +4 MOVE '3' TO IAC-SW  GO TO C2.    CEU1
012110      MOVE TEXT (TR) TO TR-ENN (SUB).                             CEU1
012120      GO TO B4.                                                   CEU1
012130 C4.                                                             CEU1
012140      IF SUB = +1 MOVE TR-ENN (SUB) TO TR-ENN (4) MOVE '0' TO     CEU1
012150      TR-ENN (1), TR-ENN (2), TR-ENN (3),  GO TO D4.              CEU1
012160      IF SUB = +2 MOVE TR-ENN (1) TO TR-ENN (3), MOVE TR-ENN (2)  CEU1
012170      TO TR-ENN (4) MOVE '0' TO TR-ENN (1), TR-ENN (2) GO TO D4.  CEU1
012180      IF SUB = +3 MOVE TR-ENN (3) TO TR-ENN (4)                   CEU1
012190      MOVE TR-ENN (2) TO TR-ENN (3) MOVE TR-ENN (1) TO TR-ENN (2) CEU1
012200      MOVE '0' TO TR-ENN (1).                                     CEU1
013010 D4.                                                             CEU1
013020      IF  TR-ENNOL NOT NUMERIC MOVE '3' TO IAC-SW GO TO C2.       CEU1
013025      IF TR-ENNOL =  0  MOVE '3' TO  IAC-SW GO TO C2.             CEU1
013030 A5.                                                             CEU1
013040      ADD +1 TO TR. MOVE +0  TO SUB.                              CEU1
013050      IF TEXT (TR) NOT = '4' GO TO A6.                            CEU1
013060      ADD +1 TO TR.                                               CEU1
013070      IF TEXT (TR) NOT = '-' MOVE '4' TO IAC-SW GO TO C2.         CEU1
013080 B5.                                                             CEU1
013090      ADD +1 TO TR.                                               CEU1
013100      IF TEXT (TR) = ',' GO TO C5.                                CEU1
013110      IF TEXT (TR) = CR  ADD +1 TO TR GO TO C5.                   CEU1
013120      ADD +1 TO SUB.                                              CEU1
013130      IF SUB > +4 MOVE '4' TO IAC-SW GO TO C2.                    CEU1
013140      MOVE TEXT (TR) TO TR-CEUN (SUB).                            CEU1
013150      GO TO B5.                                                   CEU1
013160 C5.                                                             CEU1
014010      IF SUB = +1  MOVE TR-CEUN (1)  TO TR-CEUN (4)               CEU1
014020      MOVE '0' TO  TR-CEUN (1), TR-CEUN (2), TR-CEUN (3) GO TO D5. CEU1
014030      IF SUB = +2 MOVE TR-CEUN (1) TO TR-CEUN (3) MOVE            CEU1
014040      TR-CEUN (2) TO TR-CEUN (4) MOVE '0' TO TR-CEUN (1),         CEU1
014050      TR-CEUN (2) GO TO D5.                                       CEU1
014060      IF SUB = +3 MOVE TR-CEUN (3) TO TR-CEUN (4),                CEU1
014070      MOVE TR-CEUN (2) TO TR-CEUN (3), MOVE TR-CEUN (1) TO        CEU1
014080      TR-CEUN (2) MOVE '0' TO TR-CEUN (1).                        CEU1
014090 D5.                                                             CEU1
014100      IF TR-CEL NOT NUMERIC MOVE '4' TO IAC-SW  GO TO C2.         CEU1
014105      IF TR-CEL NOT NUMERIC MOVE '4' TO IAC-SW  GO TO C2.         CEU1
014110      ADD +1 TO  TR.  MOVE +0 TO SUB.                             CEU1
014120 A6.                                                             CEU1
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014130      IF TEXT (TR) NOT = '-' MOVE '5' TO INQ-SW GO TO C2.          CEU1
014140      ADD +1 TO TR.                                                CEU1
014150      IF TEXT (TR) NOT = '-' MOVE '5' TO INQ-SW GO TO C2.          CEU1
014160 B6.                                                               CEU1
014170      ADD +1 TO TR.                                                CEU1
014180      IF TEXT (TR) = ',' GO TO C6.                                 CEU1
014190      IF TEXT (TR) = CR  ADD +1 TO TR GO TO C6.                    CEU1
015010      ADD +1 TO SUB.                                               CEU1
015020      IF SUB > +3  MOVE '5' TO INQ-SW  GO TO C2.                   CEU1
015030      MOVE  TEXT (TR) TO TR-ACDN (SUB).                            CEU1
015040      GO TO B6.                                                    CEU1
015050 C6.                                                               CEU1
015060      IF SUB = +1  MOVE  TR-ACDN (1) TO TR-ACDN (3)                CEU1
015070      MOVE '0' TO TR-ACDN (1), TR-ACDN (2)  GO TO  C6.             CEU1
015080      IF SUB = +2 MOVE TR-ACDN (2) TO  TR-ACDN (3) MOVE            CEU1
015090      TR-ACDN (1) TO TR-ACDN (2)  MOVE '0' TO TR-ACDN (1).         CEU1
015110 D6.                                                               CEU1
015120      IF TR-ACD NOT NUMERIC MOVE '5' TO INQ-SW  GO TO C2.          CEU1
015130      IF TR-ACD = CCC  MOVE '5' TO INQ-SW  GO TO C2.               CEU1
015140      MOVE +0  TO SUB.  ADD +1 TO TR.                              CEU1
015142      IF TEXT (TR) NOT = '6' MOVE '6' TO INQ-SW GO TO C2.            CEU1
015143      ADD +1 TO TR.                                                  CEU1
015144      IF TEXT (TR) NOT = '-' MOVE '6' TO INQ-SW GO TO C2.            CEU1
015150 E6.                                                               CEU1
015160      ADD +1 TO TR.                                                CEU1
015170      IF  TEXT (TR) = ',' GO TO A7.                                CEU1
015180      IF  TEXT (TR) =  CR ADD +1 TO TR GO TO A7.
015190      ADD +1 TO SUB.                                               CEU1
015200      IF SUB > +3 MOVE '6' TO INQ-SW GO TO C2.                     CEU1
015210      MOVE TEXT (TR) TO TR-ADMN (SUB).                             CEU1
015220      GO TO E6.                                                    CEU1
015230 A7.                                                               CEU1
015240      IF SUB = +1 MOVE TR-ADMN (1) TO TR-ADMN (3)  MOVE            CEU1
015250      '0' TO TR-ADMN (1), TR-ADMN (2) GO TO B7.                    CEU1
015260      IF SUB = +2 MOVE TR-ADMN (2) TO TR-ADMN (3),                 CEU1
015270      MOVE TR-ADMN (1) TO TR-ADMN (2) MOVE '0' TO TR-ADMN (1).     CEU1
015280 B7.                                                               CEU1
015290      IF TR-ADM NOT NUMERIC MOVE '6' TO INQ-SW GO TO C2.           CEU1
015300      IF TR-ADM = 0 MOVE '6' TO INQ-SW GO TO C2.                   CEU1
015310      MOVE +0 TO SUB.                                              CEU1
015320 C7.                                                               CEU1
015330      ADD +1 TO TR.                                                CEU1
015340      IF TEXT (TR) NOT = '7' GO TO E7.                             CEU1
015350      ADD +1 TO TR.                                                CEU1
015360      IF TEXT (TR) NOT = '-' MOVE '7' TO INQ-SW GO TO C2.          CEU1
015370 D7.                                                               CEU1
015380      ADD +1 TO TR.                                                CEU1
015390      IF TEXT (TR) = CR ADD +1 TO TR GO TO E7.                     CEU1
015400      IF TEXT (TR) = ','  GO TO E7.                                CEU1
015410      ADD +1 TO SUB.                                               CEU1
015420      IF SUB > +8 MOVE '7' TO INQ-SW GO TO C2.                     CEU1
015430      MOVE TEXT (TR) TO TR-ACHN (SUB).                             CEU1
015440      GO TO D7.                                                    CEU1
015450 E7.                                                               CEU1
015460      IF TR-ACHN NOT NUMERIC MOVE '7' TO INQ-SW,  GO TO C2.        CEU1
015470      IF TR-ACH = 0  MOVE '7' TO INQ-SW GO TO C2.                  CEU1
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017100      MOVE +0 TO SUB.                                                  CEU1
017110      ADD +1 TO TR.                                                    CEU1
017120 A7.                                                                   CEU1
017130      IF TEXT (TR) NOT = '8' MOVE '8' TO INQ-SW GO TO C2.              CEU1
017140      ADD +1 TO TR.                                                    CEU1
017150      IF TEXT (TR) NOT = '-' MOVE '8' TO INQ-SW GO TO C2.              CEU1
017160 A8.                                                                   CEU1
017170      ADD +1 TO TR.                                                    CEU1
017180      IF TEXT (TR) = CR ADD +1 TO TR GO TO B8.                         CEU1
017190      IF TEXT (TR) = ',' GO TO B8.                                     CEU1
017200      ADD +1 TO SUB.                                                   CEU1
017210      IF SUB > +1 MOVE '8' TO INQ-SW GO TO C2.                         CEU1
017220      MOVE TEXT (TR) TO TR-CEUY.                                       CEU1
017230      GO TO A8.                                                        CEU1
017240 B8.                                                                   CEU1
017250      IF TR-CEUY = 'Y' GO TO C8.                                       CEU1
017260      IF TR-CEUY = 'N' GO TO C8.                                       CEU1
017270      MOVE 'E' TO INQ-SW GO TO C2.                                     CEU1
017280 C8.                                                                   CEU1
017290      MOVE +0 TO SUB.                                                  CEU1
017300      ADD +1 TO TR.                                                    CEU1
017310      IF TEXT (TR) NOT = '9' MOVE '9' TO INQ-SW GO TO C2.              CEU1
017320      ADD +1 TO TR.                                                    CEU1
017330      IF TEXT (TR) NOT = '-' MOVE '9' TO INQ-SW GO TO C2.              CEU1
017340      MOVE '09' TO T-CNT.                                              CEU1
017350 D8.                                                                   CEU1
017360      ADD +1 TO TR.                                                    CEU1
017370      IF TEXT (TR) = CR ADD +1 TO TR GO TO E8.                         CEU1
017380      ADD +1 TO SUB.                                                   CEU1
017390      IF SUB > +70 MOVE '0' TO INQ-SW GO TO C2.                        CEU1
017400      MOVE TEXT (TR) TO TP-TIN (SUB).                                  CEU1
017410      GO TO D8.                                                        CEU1
017420 E8.                                                                   CEU1
017430      IF T-CNT = '09' MOVE TR-TITLE TO R-TITLE (1) GO TO F8.           CEU1
017440      IF T-CNT = '10' MOVE TR-TITLE TO R-TITLE (2) GO TO F8.           CEU1
017450      IF T-CNT = '11' MOVE TR-TITLE TO R-TITLE (3) GO TO F8.           CEU1
017460      IF T-CNT = '12' MOVE TR-TITLE TO R-TITLE (4) GO TO F8.           CEU1
017470      IF T-CNT = '13' MOVE TR-TITLE TO R-TITLE (5) GO TO F8.           CEU1
017480      IF T-CNT = '14' MOVE TR-TITLE TO R-TITLE (6) GO TO F8.           CEU1
017490 F8.                                                                   CEU1
017500      MOVE SPACES TO TR-TITLE.                                         CEU1
017510      MOVE +0 TO SUB.                                                  CEU1
017520      ADD +1 TO TR.                                                    CEU1
017530      IF TEXT (TR) NOT = '1' GO TO C9. MOVE TEXT (TR) TO T-CN1 (1).    CEU1
017540      ADD +1 TO TR.                                                    CEU1
017550      IF TEXT (TR) = '0' GO TO A9.                                     CEU1
017560      IF TEXT (TR) = '1' GO TO A9.                                     CEU1
017570      IF TEXT (TR) = '2' GO TO A9.                                     CEU1
017580      IF TEXT (TR) = '3' GO TO A9.                                     CEU1
017590      IF TEXT (TR) = '4' GO TO A9.                                     CEU1
017600      MOVE '0' TO INQ-SW.                                              CEU1
017610      GO TO C2.                                                        CEU1
017620 A9.                                                                   CEU1
017630      MOVE TEXT (TR) TO T-CN1 (2).                                     CEU1
017640      ADD +1 TO TR. IF TEXT (TR) = '-' GO TO D8.                       CEU1
017642      IF T-CNT = '10' MOVE '9' TO INQ-SW GO TO C2.                     CEU1
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020044      MOVE 'E' TO INQ-SW GO TO C2.                                    CEU1
020090 C9.                                                                  CEU1
020100      IF R-TITLE (3) = SPACES MOVE 'D' TO INQ-SW GO TO C2.            CEU1
020110      IF R-TITLE (4) = SPACES AND R-TITLE (5) ACT = SPACES            CEU1
020120      MOVE 'D' TO INQ-SW GO TO C2.                                    CEU1
020130      IF R-TITLE (4) = SPACES AND R-TITLE (6) ACT = SPACES            CEU1
020140      MOVE 'D' TO INQ-SW GO TO C2.                                    CEU1
020150      IF R-TITLE (5) = SPACES AND R-TITLE (6) ACT = SPACES            CEU1
020160      MOVE 'D' TO INQ-SW GO TO C2.                                    CEU1
021010 A10.                                                                 CEU1
021020      MOVE TR-INQ     TO   R-ACTCODE.                                 CEU1
021030      MOVE TR-BMO     TO   R-BMO.                                     CEU1
021040      MOVE TR-BDA     TO   R-BDA.                                     CEU1
021050      MOVE TR-BYR     TO   R-BYR.                                     CEU1
021060      MOVE TR-EMO     TO   R-EMO.                                     CEU1
021070      MOVE TR-EDA     TO   R-EDA.                                     CEU1
021080      MOVE TR-EYR     TO   R-EYR.                                     CEU1
021090      MOVE TR-ENROL   TO   R-ENRCLL.                                  CEU1
021100      MOVE TR-CEU     TO   R-CEU.                                     CEU1
021110      MOVE TR-ACD     TO   R-ACAD.                                    CEU1
021120      MOVE TR-ADM     TO   R-ADY.                                     CEU1
021130      MOVE TR-NCH     TO   R-PSC.                                     CEU1
021140      MOVE TR-CEUY    TO   R-CEUY.                                    CEU1
021160      MOVE R-ACTCODE TO SYMKEY.                                       CEU1
021170      MOVE REC-AREA TO LINK-REC.                                      CEU1
021180      MOVE 'WRITE   ' TO IOACTION.                                    CEU1
021190      MOVE 'SYS056    ' TO FILENAME.                                  CEU1
021200      MOVE ON TO FILESW.                                              CEU1
021300      ALTER B1 TO PROCEED TO D1C.                                     CEU1
021400      GO TO A1.                                                       CEU1
022010 B10.                                                                 CEU1
022020      MOVE TR-INQ TO SYMKEY.                                          CEU1
022030      MOVE 'READ    ' TO IOACTION.                                    CEU1
022040      MOVE 'SYS056    ' TO FILENAME.                                  CEU1
022050      MOVE ON TO FILESW.                                              CEU1
022060      ALTER B1 TO PROCEED TO C1C.                                     CEU1
022070      GO TO A1.                                                       CEU1
022080 C10.                                                                 CEU1
022082      IF ST-INQA = 'INQ' GO TO C12.                                   CEU1
022085      IF DELETE-AREA NOT = 'DELETE' GO TC C10A.                       CEU1
022086      IF NOHITSW = OFF GO TO A11.                                     CEU1
022087      MOVE 'N' TO INQ-SW GO TO C2.                                    CEU1
022088 C10A.                                                                CEU1
022090      IF NOHITSW = ON GO TO A3.                                       CEU1
022100      MOVE 'E' TO  INQ-SW.                                            CEU1
022110      GO TO C2.                                                       CEU1
022120 C1C.                                                                 CEU1
022130      MOVE SPACES TO ERR-MSSG2  MSG-TEXT.                             CEU1
022140      MOVE ' ACT CODE OK - '  TO ER-MS3.                              CEU1
022145      IF DELETE-AREA = 'DELETE' MOVE 'RECORD DELETED' TO ER-MS3.      CEU1
022146      IF NOHITSW = ON MOVE 'WRITE ERROR     ' TO ER-MS3.              CEU1
022150      MOVE TR-INQ TO ER-TSL.  MOVE ECT-SEQ TO ECT2.                   CEU1
022155       MOVE ERR-MSSG2 TO MSG-TEXT.                                    CEU1
022160      GO TO RETURN-TO-PROGRAM.                                        CEU1
023030 E10.                                                                 CEU1
023040      ADD +1 TO TF.                                                   CEU1
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023050      IF TEXT (TR) = CR GO TO E1C.                                    CEU1
023060      IF TEXT (TR) = ',' GO TO E1C.                                   CEU1
023070      ADD +1 TO SUB.                                                  CEU1
023080      IF SUB > +6 MOVE '2' TO IAC-SW GO TO C2.                        CEU1
023090      MOVE TEXT (TR) TO DEL-CK (SUB).                                 CEU1
023100      GO TO B1C.                                                      CEU1
023110 E1C.                                                                 CEU1
023120      IF DELETE-AREA NOT = 'DELETE' MOVE '2' TO IAC-SW GO TO D2.      CEU1
023130      GO TO B1C.                                                      CEU1
024010 A11.                                                                CEU1
024020      MOVE 'C' TO LINK-500.                                           CEU1
024030      MOVE IR-ING TO SYMKEY.                                          CEU1
024035      MOVE 'SYSOSC  ' TO FILENAME.                                    CEU1
024040      MOVE 'REWRITE'  TO IOACTION.                                    CEU1
024050      MOVE ON TO FILESW.                                              CEU1
024060      ALTER B1 TO PROCEED TO D1C.                                     CEU1
024070      GO TO A1.                                                       CEU1
025020 A12.                                                                CEU1
025030      ADD +1 TO TR. IF TEXT (TR) NOT = 'N' GO TO B12.                 CEU1
025040      ADD +1 TO TR. IF TEXT (TR) NOT = 'O' GO TO B12.                 CEU1
025050      ADD +1 TO TR. IF TEXT (TR) NOT = ' ' GO TO B12.                 CEU1
025060      MOVE 'INO' TO ST-INOA.                                          CEU1
025061      ADD +1 TO TR.                                                   CEU1
025065      GO TO B2.                                                       CEU1
025070 B12.                                                                CEU1
025080      MOVE '1' TO IAC-SW. GO TO C2.                                   CEU1
026010 C12.                                                                CEU1
026020      IF NOHITSW = ON MOVE 'A' TO IAC-SW, GO TO C2.                   CEU1
026040      MOVE LINK-REC TO REC-AREA.                                      CEU1
026050      MOVE SPACES TO IAC-PRINTL.                                      CEU1
026060      MOVE R-ACTCODE TO IP-ACODE.                                     CEU1
026070      MOVE R-BMO  TO  IP-BMO.                                         CEU1
026080      MOVE R-BDA  TO  IP-BDA.                                         CEU1
026090      MOVE R-BYR  TO  IP-BYR.                                         CEU1
026100      MOVE R-EMO  TO  IP-EMO.                                         CEU1
026110      MOVE R-EDA  TO  IP-EDA.                                         CEU1
026120      MOVE R-EYR  TO  IP-EYR.                                         CEU1
026130      MOVE R-ENROLL TO IP-ENROLL.                                     CEU1
026140      IF  R-CELN NUMERIC MOVE R-CELN TO IP-CEL.                       CEU1
026150      MOVE R-ACAD TO IP-ACD.                                          CEU1
026160      MOVE R-ADM  TO IP-ADM.                                          CEU1
026170      MOVE R-PSC  TO IP-ACH.                                          CEU1
026180      IF R-CELY = 'N' MOVE 'NO' TO IP-CERT.                           CEU1
026190      IF R-CELY = 'Y' MOVE 'YES' TO IP-CERT.                          CEU1
026200      MOVE 'TITLE AND DESCRIPTION' TO IP-CCRS.                        CEU1
027010      MOVE +0 TO SUB, TR.                                             CEU1
027012      IF R-TITLE (2) = SPACES MOVE CR TO IP-CR5 (1) ELSE MOVE         CEU1
027014      CR TO IP-CR5 (2).                                               CEU1
027020 D12.                                                                CEU1
027025      IF SUB = +6 GO TO E12.                                          CEU1
027030      ADD +1 TO SUB.                                                  CEU1
027040      IF R-TITLE (SUB) = SPACES GO TO D12.                            CEU1
027050      ADD +1 TO TR.                                                   CEU1
027060      MOVE R-TITLE (SUB) TO IP-LINEA (TR).                            CEU1
027070      MOVE CR TO IP-CR6 (TR).                                         CEU1
027080      IF TR < +5 GO TO D12.                                           CEU1
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027100 F12.                                                              CEU1
027110     MOVE CR TO IP-CR1, IP-CR2, IP-CR3, IP-CR4.                    CEU1
027120     MOVE '-' TO IP-D1, IP-D2, IP-D3, IP-D4.                       CEU1
027130     MOVE ' / ' TO IP-S1.                                          CEU1
027140     MOVE EDT-SEQ TO IP-EDT (TP).                                  CEU1
027150     MOVE SPACES TO MSG-TEXT.                                      CEU1
027160     MOVE INQ-PRINT TO MSG-TEXT.                                   CEU1
027165     IF P-TITLE (6) = SPACES                                       CEU1
027170     GO TO RETURN-TO-MPPOTAM.                                      CEU1
027171     IF I-TITLE (2) = SPACES GO TO RETURN-TO-MPPOTAM.              CEU1
027175     MOVE OFF TO FILESW.                                           CEU1
027180     MOVE 'R' TO RTRNSW.                                           CEU1
027190     ALTER A1 TO PROCEED TO F12.                                   CEU1
028010     GO TO A1.                                                     CEU1
028070 F12.                                                              CEU1
028080     MOVE SPACES TO MSG-TEXT, IP-LINE1 (1).                        CEU1
028090     MOVE P-TITLE (6) TO IP-LINEA (1).                             CEU1
029100     MOVE EDT-SEQ TO IP-EDT (1).                                   CEU1
029110     MOVE IP-LINE1 (1) TO MSG-TEXT.                                CEU1
029120     GO TO RETURN-TO-MPPOTAM.                                      CEU1
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001010 IDENTIFICATION DIVISION.                                          CEU1A
001020 PROGRAM-ID. 'CEU1A'.                                              CEU1A
001030 AUTHOR. HARRY BUETTGEN GEORGE HOLGH.                              CEU1A
001040 ENVIRONMENT DIVISION.                                             CEU1A
001050 DATA DIVISION.                                                    CEU1A
002010 WORKING-STORAGE SECTION.                                          CEU1A
002020 77  ON       PICTURE X VALUE '1'.                                 CEU1A
002030 77  OFF      PICTURE X VALUE '0'.                                 CEU1A
002040 01  SYMB-KEY.                                                    CEU1A
002050     02  ACT-KEY PICTURE X(5).                                    CEU1A
002060     01  ST-TERM.                                                 CEU1A
002070         02  ST-IO1  PICTURE X.                                   CEU1A
002080         02  FILLER  PICTURE XXXX.                                CEU1A
002090 01  FILLER.                                                      CEU1A
002100     02  EDT-XX  PICTURE 9(7) VALUE 1386039 COMPUTATIONAL.        CEU1A
002110     02  FILLER REDEFINES EDT-XX.                                 CEU1A
002120         03  FILLER  PICTURE X.                                   CEU1A
002130         03  EDT-SEQ.                                             CEU1A
002140             04  CR  PICTURE X.                                   CEU1A
002150             04  EDA PICTURE X.                                   CEU1A
002160             04  EDT PICTURE X.                                   CEU1A
002170 01  TRANS-AREA.                                                  CEU1A
002180     02  TR-ING  PICTURE X(5).                                    CEU1A
002190     02  TR-INDA REDEFINES TR-ING PICTURE X OCCURS 5 TIMES.       CEU1A
002200     02  TR-DATE-REC.                                             CEU1A
003010         03  TR-BMO PICTURE 99.                                   CEU1A
003020         03  TR-BMON REDEFINES TR-BMO PICTURE X OCCURS 2 TIMES.   CEU1A
003030         03  TR-BDA PICTURE 99.                                   CEU1A
003040         03  TR-BDAN REDEFINES TR-BDA PICTURE X OCCURS 2 TIMES.   CEU1A
003050         03  TR-BYR PICTURE 99.                                   CEU1A
003060         03  TR-BYRN REDEFINES TR-BYR PICTURE X OCCURS 2 TIMES.   CEU1A
003070     02  TR-DATE-END.                                             CEU1A
003080         03  TR-EMO PICTURE 99.                                   CEU1A
003090         03  TR-EMON REDEFINES TR-EMO PICTURE X OCCURS 2 TIMES.   CEU1A
003100         03  TR-EDA PICTURE 99.                                   CEU1A
003110         03  TR-EDAN REDEFINES TR-EDA PICTURE X OCCURS 2 TIMES.   CEU1A
003120         03  TR-EYR PICTURE 99.                                   CEU1A
003130         03  TR-EYRN REDEFINES TR-EYR PICTURE X OCCURS 2 TIMES.   CEU1A
003140     02  TR-FARCL PICTURE 9(4).                                   CEU1A
003150     02  TR-FNN REDEFINES TR-FARCL PICTURE X OCCURS 4 TIMES.      CEU1A
003160     02  TR-FNN-N REDEFINES TR-FNN PICTURE X(4).                  CEU1A
003170     02  TR-CEU  PICTURE 9(4).                                    CEU1A
003180     02  TR-CEUN REDEFINES TR-CEU PICTURE X OCCURS 4 TIMES.       CEU1A
003190     02  TR-CEUN-N REDEFINES TR-CEU PICTURE X(4).                 CEU1A
003200     02  TR-ACD  PICTURE 999.                                     CEU1A
004010     02  TR-ACDN REDEFINES TR-ACD PICTURE X OCCURS 3 TIMES.       CEU1A
004020     02  TR-ACDN-N REDEFINES TR-ACDN PICTURE XXX.                 CEU1A
004030     02  TR-ADM  PICTURE 999.                                     CEU1A
004040     02  TR-ADMN REDEFINES TR-ADM PICTURE X OCCURS 3 TIMES.       CEU1A
004050     02  TR-ADMN-N REDEFINES TR-ADMN PICTURE XXX.                 CEU1A
004060     02  TR-NCH  PICTURE 9(8).                                    CEU1A
004070     02  TR-NCHN REDEFINES TR-NCH PICTURE X OCCURS 8 TIMES.       CEU1A
004080     02  TR-NCHN-N REDEFINES TR-NCHN PICTURE X(8).                CEU1A
004090     02  TR-CEUY PICTURE X.                                       CEU1A
004100     02  TR-TITLE    PICTURE X(70).                               CEU1A
004110     02  TR-TIN REDEFINES TR-TITLE PICTURE X OCCURS 70 TIMES.     CEU1A
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004120     02  TR-DES       PICTURE X(70).                                  CEU1A
004130     02  TR-DES1 REDEFINES TR-DES PICTURE X OCCURS 70 TIMES.          CEU1A
004140     02  TR-DATE-BG   PICTURE X(6).                                   CEU1A
004150     02  TR-BEG REDEFINES TR-DATE-BG PICTURE X OCCURS 6 TIMES.        CEU1A
004160     02  TR-DATE-EN   PICTURE X(6).                                   CEU1A
004170     02  TR-END REDEFINES TR-DATE-EN PICTURE X OCCURS 6 TIMES.        CEU1A
004180     02  ST-CODE PICTURE X(4).                                        CEU1A
004190     02  ST-CD REDEFINES ST-CODE PICTURE X OCCURS 4 TIMES.            CEU1A
004200     02  T-CNT PICTURE XX.                                            CEU1A
005010     02  T-CN1 REDEFINES T-CNT PICTURE X OCCURS 2 TIMES.              CEU1A
005015     02  TR-TITLEA.                                                   CEU1A
005020         03  R-TITLE      PICTURE X(70) OCCURS 6 TIMES.               CEU1A
005030 01  REC-AREA.                                                        CEU1A
005040     02  R-ACTCODE    PICTURE X(5).                                   CEU1A
005050     02  R-DATE-B.                                                    CEU1A
005060     03  R-BMO        PICTURE XX.                                     CEU1A
005070     03  R-BDA        PICTURE XX.                                     CEU1A
005080     03  R-BYR        PICTURE XX.                                     CEU1A
005090     02  R-DATE-E.                                                    CEU1A
005100     03  R-EMO        PICTURE XX.                                     CEU1A
005110     03  R-EDA        PICTURE XX.                                     CEU1A
005120     03  R-EYR        PICTURE XX.                                     CEU1A
005130     02  R-ENROLL     PICTURE X(4).                                   CEU1A
005140     02  R-CEU        PICTURE X(4).                                   CEU1A
005150     02  FILLER       PICTURE X.                                      CEU1A
005160     02  R-ACAD       PICTURE XXX.                                    CEU1A
005170     02  FILLER       PICTURE X.                                      CEU1A
005180     02  R-AFM        PICTURE XXX.                                    CEU1A
005190     02  R-PSC        PICTURE X(8).                                   CEU1A
005200     02  R-TITLEA     PICTURE X(70) OCCURS 6 TIMES.                   CEU1A
006010     02  R-CEUY       PICTURE X.                                      CEU1A
006020     02  FILLER       PICTURE X(37).                                  CEU1A
006030     02  R-SSD        PICTURE X.                                      CEU1A
006040 01  TR        PICTURE S9(4) VALUE +0 COMPUTATIONAL.                  CEU1A
006050 01  SUB       PICTURE S9(4) VALUE +0 COMPUTATIONAL.                  CEU1A
006060 01  REC       PICTURE S9(4) VALUE +0 COMPUTATIONAL.                  CEU1A
006070 01  INQ-SW  PICTURE X VALUE ' '.                                     CEU1A
006080 01  ERR-MSSG1.                                                       CEU1A
006090     02  ER-INQ  PICTURE X(5).                                        CEU1A
006100     02  FILLER  PICTURE X(50).                                       CEU1A
006110     02  ER-EDT1 PICTURE XXX.                                         CEU1A
006120 01  ERR-MSSG2.                                                       CEU1A
006130     02  ER-INQ2 PICTURE X(5).                                        CEU1A
006140     02  FILLER  PICTURE X.                                           CEU1A
006150     02  ER-MS2.                                                      CEU1A
006160         03  ER-MS3  PICTURE X(15).                                   CEU1A
006170         03  ER-TR1  PICTURE X(5).                                    CEU1A
006180         03  FILLER  PICTURE X.                                       CEU1A
006190         03  ER-TRA  PICTURE X.                                       CEU1A
006200         03  FILLER  PICTURE X(5).                                    CEU1A
007010     02  ER-TR       PICTURE X.                                       CEU1A
007020     02  EDT2        PICTURE XXX.                                     CEU1A
007030 01  DELETE-AREA.                                                     CEU1A
007040     02  DEL-CK  PICTURE X OCCURS 6 TIMES.                            CEU1A
007042 01  T-CODE.                                                          CEU1A
007044     02  T-CODE1  PICTURE X.                                          CEU1A
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007046.          02  T-CODE2  PICTURE X.                                  CEU1A
007048           02  T-CODE3  PICTURE X.                                  CEU1A
008080       01  ERR-CODE.                                                CEU1A
008090           03  ER-CODE PICTURE XX OCCURS 13 TIMES.                  CEU1A
008100       01  ERSUB        PICTURE S99 COMPUTATIONAL.                  CEU1A
008110       01  T-CODESED    PICTURE XXX.                                CEU1A
008120       01  ER-MSSG-F.                                               CEU1A
008130           02  MSSG-F OCCURS 13 TIMES.                              CEU1A
008140               03  MSSF       PICTURE X(11).                        CEU1A
008150               03  MSSF-TR    PICTURE XX.                           CEU1A
008160               03  MSSF       PICTURE X(13).                        CEU1A
008170               03  MSF-IND    PICTURE X(5).                         CEU1A
008180               03  MSF-FDT    PICTURE XXX.                          CEU1A
007050 LINKAGE SECTION.                                                   CEU1A
007060       01  CEL-MSSG.                                                CEU1A
007070           02  MSG-HEADER.                                          CEU1A
007080               03  FILLER  PICTURE X.                               CEU1A
007090               03  TERM-ID PICTURE X(5).                            CEU1A
007100               03  FILLER  PICTURE X(9).                            CEU1A
007110           02  MSG-TEXT   PICTURE X(577).                           CEU1A
007120           02  FILLER REDEFINES MSG-TEXT.                           CEU1A
007130            03 TEXT       PICTURE X OCCURS 577 TIMES.               CEU1A
007140       01  LINK-REC.                                                CEU1A
007150           02  FILLER  PICTURE X(499).                              CEU1A
007160           02  LNK-500 PICTURE X.                                   CEU1A
007170       01  NOHITSW      PICTURE X.                                  CEU1A
007180       01  SYMKEY       PICTURE X(5).                               CEU1A
007190       01  FILESW       PICTURE X.                                  CEU1A
007200       01  RTRNSW       PICTURE X.                                  CEU1A
008010       01  COBERR       PICTURE X(4).                               CEU1A
008020       01  IOACTION     PICTURE X(7).                               CEU1A
008030       01  FILENAME     PICTURE X(9).                               CEU1A
008040 PROCEDURE DIVISION.                                                CEU1A
009020     ENTER LINKAGE.                                                 CEU1A
009030     ENTRY 'CEUAU' USING CEL-MSSG, LINK-REC, NOHITSW, SYMKEY,       CEU1A
009040           FILESW, RTRNSW, COBERR, IOACTION, FILENAME.              CEU1A
009050     ENTER COBOL.                                                   CEU1A
009060     MOVE '0000' TO COBERR.                                         CEU1A
009070     IF FILESW = ON GO TO B1.                                       CEU1A
009080     IF RTRNSW = 'R' GO TO B1.                                      CEU1A
009090     IF TERM-ID = 'COLR1' GO TO C1.                                 CEU1A
009100     IF TERM-ID = 'PULR1' GO TO C1.                                 CEU1A
009110     IF TERM-ID = 'KCITY' GO TO C1.                                 CEU1A
009120     IF TERM-ID = 'STLR1' GO TO C1.                                 CEU1A
009130     IF TERM-ID = 'STLE2' GO TO C1.                                 CEU1A
009140     IF TERM-ID = 'UWEXT' GO TO C1.                                 CEU1A
009150     IF TERM-ID = 'NOMTR' GO TO C1.                                 CEU1A
009160     GO TO C1.                                                      CEU1A
009170 RETURN-TO-MPPOTAM.                                                 CEU1A
009180     MOVE ' ' TO RTRNSW.                                            CEU1A
009190     MOVE OFF TO FILESW.                                            CEU1A
009200 A1.                                                                CEU1A
010010     ENTER LINKAGE.                                                 CEU1A
010020     RETURN.                                                        CEU1A
010030     ENTER COBOL.                                                   CEU1A
010040 B1.                                                                CEU1A
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010050      GO TO A1.                                                       CEU1A
011010      NOTE ************************************************************ CEU1A
011020      *       CHECK VALIDITY OF ACTIVITY CODE                        * CEU1A
011030      ************************************************************.CEU1A
011040 C1.                                                                  CEU1A
011050      MOVE SPACES TO TRANS-AREA, REC-AREA, T-CODESEC.                 CEU1A
011060      MOVE SPACES TO DELETE-AREA.                                     CEU1A
011070      MOVE SPACES TO T-CODE, ERR-CODE.                                CEU1A
011080      MOVE +0 TO ERSUB.                                               CEU1A
011090      MOVE TERM-ID TO ST-TERM.                                        CEU1A
011100      MOVE +0  TO TR, SUB, REC.                                       CEU1A
011110      MOVE ' ' TO INQ-SW.                                             CEU1A
011120       GO TO A2.                                                      CEU1A
011130 D1.                                                                  CEU1A
011140      MOVE SPACES TO ERR-MSSG1, MSG-TEXT.                             CEU1A
011150      MOVE 'INVALID PROGRAM-ID OR FORMAT - PLEASE REREAD ' TO         CEU1A
011160      ERR-MSSG1. MOVE TR-INQ  TO ER-INQ.                              CEU1A
011170      MOVE EDT-SEQ TO PR-EDT1.                                        CEU1A
011180      MOVE ERR-MSSG1 TO MSG-TEXT.                                     CEU1A
011190      GO TO RETURN-TO-MPPGTAM.                                        CEU1A
011200 A2.                                                                  CEU1A
012010      ADD +1 TO TR.                                                   CEU1A
012020      IF TEXT (TR) = ST-ID1 GO TO B2.                                 CEU1A
012030      IF ST-TERM = 'UNEXT' MOVE 'MCATR' TO ST-TERM.                   CEU1A
012040      IF TEXT (TR) = 'C'  AND ST-TERM = 'MCATR' GO TO B2.             CEU1A
012050      IF TEXT (TR) = 'K'  AND ST-TERM = 'MCATR' GO TO B2.             CEU1A
012060      IF TEXT (TR) = 'L'  AND ST-TERM = 'MCATR' GO TO B2.             CEU1A
012070      IF TEXT (TR) = 'S'  AND ST-TERM = 'MCATR' GO TO B2.             CEU1A
012080      IF TEXT (TR) = 'S'  AND ST-TERM = 'MCATR' GO TO B2.             CEU1A
012090      IF TEXT (TR) = 'U'  AND ST-TERM = 'MCATR' GO TO B2.             CEU1A
012100      MOVE '1' TO INQ-SW.                                             CEU1A
012110 B2.                                                                  CEU1A
012120      ADD +1 TO SUB. IF SUB > +5 MOVE '1' TO INQ-SW, GO TO C2.        CEU1A
012130      MOVE TEXT (TR) TO TR-INQA (SUB).                                CEU1A
012140      ADD +1 TO TR.                                                   CEU1A
012150      IF TEXT (TR) = ',' GO TO B2A.                                   CEU1A
012160      IF TEXT (TR) = CR  ADD +1 TO TR GO TO B2A.                      CEU1A
012170      IF TEXT (TR) < '0' MOVE '1' TO INQ-SW.                          CEU1A
012180      GO TO B2.                                                       CEU1A
012190 B2A.                                                                 CEU1A
012200       IF SUB NOT = +5 MOVE '1' TO INQ-SW.                           CEU1A
013010 C2.                                                                  CEU1A
013020      IF INQ-SW = ' ' MOVE +0 TO SUB,  GO TO E2.                      CEU1A
013022      MOVE SPACES TO ERR-MSSG2.                                       CEU1A
013024      MOVE EDT-SEQ TO EDT2.                                           CEU1A
013026      MOVE TR-INQ TO ER-INQ2.                                         CEU1A
013040      MOVE 'INVALID ACTIVITY CODE ' TO ER-MS2.                        CEU1A
013044 D2.                                                                  CEU1A
013050       MOVE ERR-MSSG2 TO MSG-TEXT.                                    CEU1A
013060      GO TO RETURN-TO-MPPGTAM.                                        CEU1A
013090 E2.                                                                  CEU1A
013092      IF TEXT (TR) = ',' ADD +1 TO TR.                                CEU1A
013093      IF TEXT (TR) = CR ADD +1 TO TR.                                 CEU1A
013094      IF TEXT (TR) = SOR ADD +1 TO TR.                                CEU1A
013095      MOVE TEXT (TR) TO T-CODE1.                                      CEU1A
013100      ADD +1 TO TR. MOVE TEXT (TR) TO T-CODE2.                        CEU1A
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013110      ADD +1 TO TR. MOVE TEXT (TR) TO T-CODE3.                          CEU1A
013120      IF T-CODE1 = EOB OR T-CODE1 = EOT GO TO A9.                       CEU1A
013125      IF T-CODE2 = EOB OR T-CODE2 = EOT GO TO A9.                       CEU1A
013130      IF T-CODE3 = EOB OR T-CODE3 = EOT GO TO A9.                       CEU1A
013140      MOVE +6 TO SUB.                                                   CEU1A
013150      IF T-CODE = '22-' GO TO A3.                                       CEU1A
013160      IF T-CODE = '23-' GO TO A4.                                       CEU1A
013170      IF T-CODE = '24-' GO TO A5.                                       CEU1A
013180      IF T-CODE = '25-' GO TO A6.                                       CEU1A
013190      IF T-CODE = '26-' GO TO D6A.                                      CEU1A
013200      IF T-CODE = '27-' GO TO C7.                                       CEU1A
014010      IF T-CODE = '28-' GO TO E7.                                       CEU1A
014020      IF T-CODE = '31-' MOVE 09 TO T-CAT GO TO C8.                      CEU1A
014030      IF T-CODE = '32-' MOVE 10 TO T-CAT GO TO C8.                      CEU1A
014040      IF T-CODE = '41-' MOVE 11 TO T-CAT GO TO C8.                      CEU1A
014050      IF T-CODE = '42-' MOVE 12 TO T-CAT GO TO C8.                      CEU1A
014060      IF T-CODE = '43-' MOVE 13 TO T-CAT GO TO C8.                      CEU1A
014070      IF T-CODE = '44-' MOVE 14 TO T-CAT GO TO C8.                      CEU1A
014075 E2.                                                                    CEU1A
014080      ADD +1 TO ERSUB. MOVE T-CODE TO ER-CODE (ERSUB).                  CEU1A
014090 G2.                                                                    CEU1A
014095      IF TEXT (TR) = EOT GO TO A9.                                      CEU1A
014100      IF TEXT (TR) = ',' GO TO E2.                                      CEU1A
014110      IF TEXT (TR) = CR GO TO E2.                                       CEU1A
014115      IF TEXT (TR) = EOB GO TO E2.                                      CEU1A
014120      ADD +1 TO TR. GO TO G2.                                           CEU1A
014130 A3.                                                                    CEU1A
014140      IF T-CODE > T-CODESEQ MOVE T-CODE TO T-CODESEQ GO TO B3.          CEU1A
014150      GO TO TRANS-SQUEEZ.                                               CEU1A
014160 B3.                                                                    CEU1A
014170      ADD +1 TO TR.                                                     CEU1A
014180      IF TEXT (TR) = ',' GO TO D3.                                      CEU1A
014190      IF TEXT (TR) = CR  ADD +1 TO TR GO TO C3.                         CEU1A
014200      ADD +1 TO SUB.                                                    CEU1A
015010      IF SUB > +6 GO TO C3.                                             CEU1A
015020      MOVE TEXT (TR) TO TR-BGD (SUB) GO TO B3.                          CEU1A
015030 C3.                                                                    CEU1A
015040      ADD +1 TO REC.                                                    CEU1A
015050      IF REC > +6  GO TO E3.                                            CEU1A
015060      MOVE TEXT (TR) TO TR-END (REC) GO TO B3.                          CEU1A
015070 D3.                                                                    CEU1A
015080       MOVE ALL '0' TO TR-DATE-BEG, TR-DATE-END.                       CEU1A
015090      MOVE TR-DATE-BG TO TR-DATE-BEG.                                   CEU1A
015100      MOVE TR-DATE-EN TO TR-DATE-END.                                   CEU1A
015110      IF  TR-BMO < 01  GO TO E3.                                        CEU1A
015120      IF  TR-BMO > 12  GO TO E3.                                        CEU1A
015130      IF  TR-BDA < 01  GO TO E3.                                        CEU1A
015140      IF  TR-BDA > 31  GO TO E3.                                        CEU1A
015150      IF  TR-EMO < 01  GO TO E3.                                        CEU1A
015160      IF  TR-EMO > 12  GO TO E3.                                        CEU1A
015170      IF  TR-EDA < 01  GO TO E3.                                        CEU1A
015180      IF  TR-EDA > 31  GO TO E3.                                        CEU1A
015190      IF TR-BYR NOT NUMERIC GO TO E3.                                   CEU1A
015200      IF TR-EYR NOT NUMERIC GO TO E3.                                   CEU1A
016010      IF  TR-BYR >  TR-EYR  GO TO E3.                                   CEU1A
016020      IF  TR-BYR =  TR-EYR AND TR-BMO < TR-EMO GO TO E3.                CEU1A
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016030      IF  TR-BYR =  TR-EYR AND TR-BMO = TR-EMO AND                    CEU1A
016040      TR-BDA > TR-EDA GO TO E2.                                       CEU1A
016050      GO TO E2.                                                       CEU1A
016060 E3.                                                                  CEU1A
016070      MOVE SPACES TO TR-DATE-BEG, TR-DATE-END, GO TO E2.              CEU1A
016080 A4.                                                                  CEU1A
016090      IF T-CODE > T-CODESEQ MOVE T-CODE TO T-CODESEQ GO TO B4.        CEU1A
016100      GO TO TRANS-SEQER.                                              CEU1A
016110 B4.                                                                  CEU1A
016120      ADD +1 TO TR.                                                   CEU1A
016130      IF TEXT (TR) = ',' GO TO C4.                                    CEU1A
016140      IF TEXT (TR) = CR  ADD +1 TO TR GO TO C4.                       CEU1A
016150      ADD +1 TO SUB. IF SUB > +4 MOVE SPACES TO TR-ENN-N GO TO D4.    CEU1A
016160      MOVE TEXT (TR) TO TR-ENN (SUB).                                 CEU1A
016170      GO TO B4.                                                       CEU1A
016180 C4.                                                                  CEU1A
016190      IF SUB = +1 MOVE TR-ENN (SUB) TO TR-ENN (4) MOVE '0' TO         CEU1A
016200      TR-ENN (1), TR-ENN (2), TR-ENN (3),  GO TO D4.                  CEU1A
017010      IF SUB = +2 MOVE TR-ENN (1) TO TR-ENN (3), MOVE TR-ENN (2)      CEU1A
017020      TO TR-ENN (4) MOVE '0' TO TR-ENN (1), TR-ENN (2) GO TO D4.      CEU1A
017030      IF SUB = +3 MOVE TR-ENN (3) TO TR-ENN (4)                       CEU1A
017040      MOVE TR-ENN (2) TO TR-ENN (3) MOVE TR-ENN (1) TO TR-ENN (2)     CEU1A
017050      MOVE '0' TO TR-ENN (1).                                         CEU1A
017060 D4.                                                                  CEU1A
017070      IF TR-ENROL NOT NUMERIC MOVE SPACES TO TR-ENN-N GO TO E2.       CEU1A
017080      IF TR-ENROL = 0 MOVE SPACES TO TR-ENN-N GO TO E2.               CEU1A
017090      GO TO E2.                                                       CEU1A
017100 A5.                                                                  CEU1A
017110      IF T-CODE > T-CODESEQ MOVE T-CODE TO T-CODESEQ GO TO B5.        CEU1A
017120      GO TO TRANS-SEQER.                                              CEU1A
017130 B5.                                                                  CEU1A
017140      ADD +1 TO TR.                                                   CEU1A
017150      IF TEXT (TR) = ',' GO TO C5.                                    CEU1A
017160      IF TEXT (TR) = CR  ADD +1 TO TR GO TO C5.                       CEU1A
017170      ADD +1 TO SUB.                                                  CEU1A
017180      IF SUB > +4 MOVE SPACES TO TR-CEUN-N GO TO D5.                  CEU1A
017190      MOVE TEXT (TR) TO TR-CEUN (SUB).                                CEU1A
017200      GO TO B5.                                                       CEU1A
018010 C5.                                                                  CEU1A
018020      IF SUB = +1  MOVE TR-CEUN (1)  TO TR-CEUN (4)                   CEU1A
018030      MOVE '0' TO TR-CEUN (1), TR-CEUN (2), TR-CEUN (3) GO TO D5.     CEU1A
018040      IF SUB = +2 MOVE TR-CEUN (1) TO TR-CEUN (3) MOVE                CEU1A
018050      TR-CEUN (2) TO TR-CEUN (4) MOVE '0' TO TR-CEUN (1),             CEU1A
018060      TR-CEUN (2) GO TO D5.                                           CEU1A
018070      IF SUB = +3 MOVE TR-CEUN (3) TO TR-CEUN (4),                    CEU1A
018080      MOVE TR-CEUN (2) TO TR-CEUN (3), MOVE TR-CEUN (1) TO            CEU1A
018090      TR-CEUN (2) MOVE '0' TO TR-CEUN (1).                            CEU1A
018100 D5.                                                                  CEU1A
018110      IF TR-CEU NOT NUMERIC MOVE SPACES TO TR-CEUN-N GO TO E2.        CEU1A
018120      GO TO E2.                                                       CEU1A
018130 A6.                                                                  CEU1A
018140      IF T-CODE > T-CODESEQ MOVE T-CODE TO T-CODESEQ GO TO B6.        CEU1A
018150      GO TO TRANS-SEQER.                                              CEU1A
018160 B6.                                                                  CEU1A
018170      ADD +1 TO TR.                                                   CEU1A
018180      IF TEXT (TR) = ',' GO TO C6.                                    CEU1A
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018190      IF TEXT (TR) = CR  ADD +1 TO TR GO TO E6.                    CEU1A
018200      ADD +1 TO SUB.                                               CEU1A
018210      IF SUB > +2 MOVE 0 TO TR-ACCN GO TO B6.                      CEU1A
018220      MOVE  TEXT (TR) TO TR-ACCN (SUB).                            CEU1A
018230      GO TO B6.                                                    CEU1A
018240 C6.                                                               CEU1A
018250      IF SUB = +1  MOVE  TR-ACCN (1) TO TR-ACCN (3)                CEU1A
018260      MOVE '0' TO TR-ACCN (1), TR-ACCN (2)  GO TO  C6.             CEU1A
018270      IF SUB = +2 MOVE TR-ACCN (2) TO  TR-ACCN (3) MOVE            CEU1A
018280      TR-ACCN (1) TO TR-ACCN (2)  MOVE '0' TO TR-ACCN (1).         CEU1A
018290 D6.                                                               CEU1A
019100      IF TR-ACC NOT NUMERIC MOVE SPACES TO TR-ACCN-A GO TO E2.     CEU1A
019110      IF TR-ACC = 0  MOVE SPACES TO TR-ACCN-A GO TO E2.            CEU1A
019120      GO TO E2.                                                    CEU1A
019130 D6A.                                                              CEU1A
019140      IF T-CODE > T-CODESEQ MOVE T-CODE TO T-CODESEQ GO TO E6.     CEU1A
019150      GO TO TRANS-SEQERR.                                          CEU1A
019160 E6.                                                               CEU1A
019170      ADD +1 TO TR.                                                CEU1A
019180      IF  TEXT (TR) = ',' GO TO A7.                                CEU1A
019190      IF  TEXT (TR) =  CR ADD +1 TO TR GO TO A7.                   CEU1A
019200      ADD +1 TO SUB.                                               CEU1A
020010      IF SUB > +3 MOVE 0 TO TR-ADM GO TO B7.                       CEU1A
020020      MOVE TEXT (TR) TO TR-ADMN (SUB).                             CEU1A
020030      GO TO E6.                                                    CEU1A
020040 A7.                                                               CEU1A
020050      IF SUB = +1 MOVE TR-ADMN (1) TO TR-ADMN (3)  MOVE           CEU1A
020060      '0' TO TR-ADMN (1), TR-ADMN (2) GO TO B7.                    CEU1A
020070      IF SUB = +2 MOVE TR-ADMN (2) TO TR-ADMN (3),                 CEU1A
020080      MOVE TR-ADMN (1) TO TR-ADMN (2) MOVE '0' TO TR-ADMN (1).     CEU1A
020090 B7.                                                               CEU1A
020100      IF TR-ADM NOT NUMERIC MOVE SPACES TO TR-ADMN-A GO TO E2.     CEU1A
020110      IF TR-ADM  = 0  MOVE  SPACES TO TR-ADMN-A GO TO E2.          CEU1A
020120      GO TO E2.                                                    CEU1A
020130 C7.                                                               CEU1A
020140      IF T-CODE > T-CODESEQ MOVE T-CODE TO T-CODESEQ GO TO D7.     CEU1A
020150      GO TO TRANS-SEQERR.                                          CEU1A
020160 D7.                                                               CEU1A
020170      ADD +1 TO TR.                                                CEU1A
020180      IF TEXT (TR) = CR ADD +1 TO TR GO TO E7.                     CEU1A
020190      IF TEXT (TR) = ',' GO TO E7.                                 CEU1A
020200      ADD +1 TO SUB.                                               CEU1A
021010      IF SUB > +8 MOVE 0 TO TR-ACH GO TO E7.                       CEU1A
021020      MOVE TEXT (TR) TO TR-ACHN (SUB).                             CEU1A
021030      GO TO D7.                                                    CEU1A
021040 E7.                                                               CEU1A
021050      IF TR-ACH NOT NUMERIC MOVE SPACES TO TR-ACHN-A GO TO E2.     CEU1A
021060      IF TR-ACH = 0 MOVE SPACES TO TR-ACHN-A GO TO E2.             CEU1A
021070      GO TO E2.                                                    CEU1A
021080 E7.                                                               CEU1A
021090      IF T-CODE > T-CODESEQ MOVE T-CODE TO T-CODESEQ GO TO A8.     CEU1A
021100      GO TO TRANS-SEQERR.                                          CEU1A
021110 A8.                                                               CEU1A
021120      ADD +1 TO TR.                                                CEU1A
021130      IF TEXT (TR) = CR ADD +1 TO TR GO TO B8.                     CEU1A
021140      IF TEXT (TR) = ',' GO  TO B8.                                CEU1A
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022150     ...  +1 T ...
022160     IF SUB > +1 MOVE ' ' T ... T-CHARY OF TR TO ...
022170     MOVE TEXT (TR) TO TR-CHARY.
022180     GO TO A8.
022190 A8.                                                          CEU1A
022200     IF TR-CHARY = 'Y' GO TO F2.                             CEU1A
022210     IF TR-CHARY = 'N' GO TO F2.                             CEU1A
022220     GO TO F2.                                               CEU1A
022230 C8.                                                          CEU1A
022240     IF T-CODE > T-CODESEQ MOVE T-CODE TO T-CODESEQ          CEU1A
022250     MOVE SPACES TO TR-TITLE GO TO D8.                       CEU1A
022260     GO TO TRANS-SEQUEN.                                     CEU1A
022270 D8.                                                          CEU1A
022280     ADD +1 TO TR.                                           CEU1A
022290     IF TEXT (TR) = CR ADD +1 TO TR GO TO E8.                CEU1A
022300     ADD +1 TO SUB.                                          CEU1A
022310     IF SUB > +70 MOVE SPACES TO TR-TITLE GO TO F8.          CEU1A
022320     MOVE TEXT (TR) TO TR-TIN (SUB).                         CEU1A
022330     GO TO C8.                                               CEU1A
022340 E8.                                                          CEU1A
022350     IF T-CNT = '09' MOVE TR-TITLE TO R-TITLE (1) GO TO F8.  CEU1A
022360     IF T-CNT = '10' MOVE TR-TITLE TO R-TITLE (2) GO TO F8.  CEU1A
022370     IF T-CNT = '11' MOVE TR-TITLE TO R-TITLE (3) GO TO F8.  CEU1A
022380     IF T-CNT = '12' MOVE TR-TITLE TO R-TITLE (4) GO TO F8.  CEU1A
022390     IF T-CNT = '13' MOVE TR-TITLE TO R-TITLE (5) GO TO F8.  CEU1A
022400     IF T-CNT = '14' MOVE TR-TITLE TO R-TITLE (6) GO TO F8.  CEU1A
022410 F8.                                                          CEU1A
022420     IF TR-TITLE = SPACES GO TO F2.                          CEU1A
022430     GO TO F2.                                               CEU1A
022440 A9.                                                          CEU1A
022450     IF TR-TITLEA = SPACES GO TO B9.                         CEU1A
022460     IF R-TITLE (1) = SPACES AND R-TITLE (2) NOT = SPACES    CEU1A
022470     ADD +1 TO ERSUB MOVE 31 TO ER-CODE (ERSUB),             CEU1A
022480     MOVE SPACES TO R-TITLE (2).                             CEU1A
022490     IF R-TITLE (4) NOT = SPACES AND R-TITLE (3) = SPACES    CEU1A
022500     ADD +1 TO ERSUB MOVE 41  TO ER-CODE (ERSUB),            CEU1A
022510     MOVE SPACES TO R-TITLE (4).                             CEU1A
022520     IF R-TITLE (4) = SPACES AND R-TITLE (5) NOT = SPACES    CEU1A
022530     ADD +1 TO ERSUB MOVE 42 TO  ER-CODE (ERSUB),            CEU1A
022540     MOVE SPACES TO R-TITLE (5).                             CEU1A
022550     IF R-TITLE (5) = SPACES AND R-TITLE (6) NOT = SPACES    CEU1A
022560     ADD +1 TO ERSUB MOVE 43 TO  ER-CODE (ERSUB),            CEU1A
022570     MOVE SPACES TO R-TITLE (6).                             CEU1A
022580 B9.                                                          CEU1A
022590     IF TRANS-AREA = SPACES GO TO A10.                       CEU1A
024000     MOVE TR-INO TO SYMKEY.                                  CEU1A
024010     MOVE   'READ    ' TO IOACTION.                          CEU1A
024020     MOVE   'SYS056  ' TO FILENAME.                          CEU1A
024030     MOVE DA TO FILESW.                                      CEU1A
024040     ALTER P1  TO PROCEED TO C9.                             CEU1A
024050     GO TO A1.                                               CEU1A
024060 C9.                                                          CEU1A
024070     IF NOHITSW = EN  GO TO UNMATCH-REC.                     CEU1A
024080     MOVE LINK-REC TO REC-AREA.                              CEU1A
024090     IF TR-DATE-BEG NOT = SPACES MOVE TR-DATE-BEG TO R-DATE-B.  CEU1A
024100     IF TR-DATE-END NOT = SPACES MOVE TR-DATE-END TO R-DATE-E.  CEU1A
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024110      IF TR-CLERK-NO NOT = SPACES MOVE TR-CLERK-N TO R-CLERK.      CEU1A
024120      IF TR-CLERK-NOT = SPACES MOVE TR-CLERK-N TO R-CLERK.         CEU1A
024130      IF TR-ACCT-NO NOT = SPACES MOVE TR-ACCT-N TO R-ACCT.         CEU1A
024140      IF TR-ADMN-N NOT = SPACES MOVE TR-ADMN-N TO R-ADMN.          CEU1A
024150      IF TR-RCPN-N NOT = SPACES MOVE TR-RCPN-N TO R-RSC.           CEU1A
024160      IF  TR-CRDY NOT = ' ' MOVE TR-CRDY TO R-CRDY.                CEU1A
024170      MOVE +0 TO SUB.                                              CEU1A
024180      IF R-TITLE (1) NOT = SPACES MOVE SPACES TO R-TITLEA (1),     CEU1A
024190      R-TITLEA (2).                                                CEU1A
024200      IF R-TITLE (3) NOT = SPACES MOVE SPACES TO R-TITLEA (3),     CEU1A
025010      R-TITLEA (4), R-TITLEA (5), R-TITLEA (6).                    CEU1A
025020      PERFORM D9 6 TIMES.                                          CEU1A
025030      GO TO E9.                                                    CEU1A
025040 D9.                                                              CEU1A
025050      ADD +1 TO SUB.                                               CEU1A
025060      IF  R-TITLE (SUB) NOT = SPACES MOVE  R-TITLE (SUB)  TO       CEU1A
025070      R-TITLEA (SUB).                                              CEU1A
025080 E9.                                                              CEU1A
025090      MOVE TR-IND TO SYMKEY.                                       CEU1A
025100      MOVE 'REWRITE' TO IOACTION.                                  CEU1A
025105      MOVE 'SYSDSK   ' TO FILENAME.                                CEU1A
025110      MOVE REC-AREA TO LINK-REC.                                   CEU1A
025120      MOVE 09 TO FILESW.                                           CEU1A
025130      ALTER P1 TO PROCEED TO E9.                                   CEU1A
025140      GO TO A1.                                                    CEU1A
025150 E9.                                                              CEU1A
025160      MOVE SPACES TO ERR-MSSG2, MSG-TEXT.                          CEU1A
025170      MOVE TR-IND TO ER-IND2.                                      CEU1A
025175      IF SUBTTSW = 04 MOVE 'RECORD NOT UPDATED' TO ER-MS2 ELSE     CEU1A
025180      MOVE 'REC TO UPDATED' TO ER-MS2.                             CEU1A
025190      MOVE EDT-SEQ TO EDT2.                                        CEU1A
025200      MOVE ERR-MSSG2 TO MSG-TEXT.                                  CEU1A
026010      IF ERR-CODE = SPACES GO TO RETURN-TO-MPPGTAM.                CEU1A
026020      ALTER P1 TO PROCEED TO A1C.                                  CEU1A
026030      GO TO A1.                                                    CEU1A
026040 A1C.                                                             CEU1A
026050      MOVE SPACES TO ER-MSSG-E.                                    CEU1A
026060      MOVE +0 TO SUB.                                              CEU1A
026070 B10.                                                             CEU1A
026080      ADD +1 TO  SUB.                                              CEU1A
026090      IF SUB >  ERSUB GO TO C1C.                                   CEU1A
026100      MOVE 'TRANS CODE ' TO MSSE (SUB).                            CEU1A
026110      MOVE ER-CODE (SUB) TO MSSE-TR (SUB).                         CEU1A
026120      MOVE ' INVALID FOR ' TO MSSE (SUB).                          CEU1A
026130      MOVE TR-IND TO MSE-IND (SUB).                                CEU1A
026140      MOVE EDT TO MSE-EDT (SUB).                                   CEU1A
026150      GO TO B1C.                                                   CEU1A
026160 C10.                                                             CEU1A
026170      IF SUB > +1  SUBTRACT +1 FROM SUB.                           CEU1A
026180      MOVE EDT-SEQ TO MSE-EDT (SUB).                               CEU1A
026190      MOVE SPACES TO MSG-TEXT.                                     CEU1A
026200      MOVE ER-MSSG-E TO MSG-TEXT.                                  CEU1A
027010      GO TO RETURN-TO-MPPGTAM.                                     CEU1A
027020 TRANS-ERROR.                                                     CEU1A
027030      MOVE SPACES TO ERR-MSSG2, MSG-TEXT.                          CEU1A
027040      MOVE TR-IND TO ER-IND2.                                      CEU1A
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027050      MOVE 'I-O ERROR OCCURRED IN SEQUENCE' TO ERR-MS2.          CEU1A
027055      MOVE E-I-S-T-A-T TO EDIT2.                                 CEU1A
027060      MOVE ERR-MSSG2 TO MSG-TEXT.                                CEU1A
027070      GO TO RETURN-TO-MPROGRAM.                                  CEU1A
027080  UNMATCH-REC.                                                   CEU1A
027090      MOVE SPACES TO ERR-MSSG2, MSG-TEXT.                        CEU1A
027100      MOVE TF-IND TO ER-TAG.                                     CEU1A
027110      MOVE 'NOT IN ACTIVITY DISK FILE' TO ER-MS2.                CEU1A
027120      MOVE E-I-S-2 TO EDIT2.                                     CEU1A
027130      MOVE ERR-MSSG2 TO MSG-TEXT.                                CEU1A
027140      GO TO RETURN-TO-MPROGRAM.                                  CEU1A
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001010 IDENTIFICATION DIVISION.                                         CEU-2
001020 PROGRAM-ID. PC-02.                                               CEU-2
001030 AUTHOR. [illegible] COBOL PROGRAM.                               CEU-2
001040 ENVIRONMENT DIVISION.                                            CEU-2
001050 DATA DIVISION.                                                   CEU-2
002010 WORKING-STORAGE SECTION.                                         CEU-2
002020 77  ON        PICTURE X  VALUE '1'.                             CEU-2
002030 77  OFF       PICTURE X  VALUE '0'.                             CEU-2
002040 01  SYMB-KEY.                                                    CEU-2
002050     02  SYS-FID      PICTURE X(9).                               CEU-2
002060     02  SYS-AC       PICTURE 99.                                 CEU-2
002070 01  FILLER.                                                      CEU-2
002080     02  EDT-XX  PICTURE 9(7) VALUE 1386039 COMPUTATIONAL.        CEU-2
002090     02  FILLER REDEFINES EDT-XX.                                 CEU-2
002100         03  FILLER  PICTURE X.                                   CEU-2
002110         03  EDT-SEQ.                                             CEU-2
002120             04  CR  PICTURE X.                                   CEU-2
002130             04  FOR PICTURE X.                                   CEU-2
002140             04  EDT PICTURE X.                                   CEU-2
002150 01  TRANS-AREA.                                                  CEU-2
002160     02  TR-FIDN          PICTURE 9(9).                           CEU-2
002170     02  TR-FID REDEFINES TR-FIDN.                                CEU-2
002180         03  TR-FID1      PICTURE X.                              CEU-2
002190         03  TR-FID2      PICTURE 9(8).                           CEU-2
002200     02  TR-FIDA REDEFINES TR-FID PICTURE X OCCURS 9 TIMES.       CEU-2
003010     02  TR-ACT  PICTURE X(6).                                    CEU-2
003020     02  TR-ACT1 REDEFINES TR-ACT PICTURE X OCCURS 6 TIMES.       CEU-2
003030     02  TR-ACED.                                                 CEU-2
003040         03  TR-ACED1     PICTURE X.                              CEU-2
003050         03  TR-ACED2     PICTURE 9(4).                           CEU-2
003060         03  TR-ACED3     PICTURE X.                              CEU-2
003070     02  TR-LNAME.                                                CEU-2
003080         03  TR-LNAME1-6 PICTURE X(6).                            CEU-2
003090         03  FILLER       PICTURE X(10).                          CEU-2
003100     02  TR-LNAME1 REDEFINES TR-LNAME PICTURE X OCCURS 16 TIMES.  CEU-2
003110     02  TR-FNAME  PICTURE X(13).                                 CEU-2
003120     02  TR-FNAME1 REDEFINES TR-FNAME PICTURE X OCCURS 13 TIMES.  CEU-2
003130     02  TR-ADD1  PICTURE X(26).                                  CEU-2
003140     02  TR-ADD1A REDEFINES TR-ADD1 PICTURE X OCCURS 26 TIMES.    CEU-2
003150     02  TR-ADD2  PICTURE X(26).                                  CEU-2
003160     02  TR-ADD2A REDEFINES TR-ADD2 PICTURE X OCCURS 26 TIMES.    CEU-2
003170     02  TR-ADD3  PICTURE X(26).                                  CEU-2
003180     02  TR-ADD3A REDEFINES TR-ADD3 PICTURE X OCCURS 26 TIMES.    CEU-2
003190     02  TR-ADD4 PICTURE X(26).                                   CEU-2
003200     02  TR-ADD4A REDEFINES TR-ADD PICTURE X OCCURS 26 TIMES.     CEU-2
004010     02  TR-BUSINESS PICTURE X(26).                               CEU-2
004020     02  TR-BUSS REDEFINES  TR-BUSINESS PICTURE X OCCURS 26 TIMES.CEU-2
004030     02  TR-ZIP  PICTURE 9(5).                                    CEU-2
004040     02  TR-ZIPA REDEFINES TR-ZIP PICTURE X OCCURS 5 TIMES.       CEU-2
004050     02  TR-COUN PICTURE 999.                                     CEU-2
004060     02  TR-COUN1 REDEFINES TR-COUNT PICTURE X OCCURS 3 TIMES.    CEU-2
004070     02  PAC-AREA     PICTURE XXX.                                CEU-2
004080     01  TR  PICTURE 99(3).                                       CEU-2
004090     01  SUB PICTURE 999.                                         CEU-2
004100     01  ERROR-SW.                                                CEU-2
004110         02  EW-SW  PICTURE  X OCCURS 10 TIMES.                   CEU-2
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004120          02  F-CK   PICTURE X.                                    CEU-2
004130          02  FW-F-CK REDEFINES F-CK PICTURE 9.                    CEU-2
004140      01  REC-AREA.                                                CEU-2
004150          02  REC-01.                                              CEU-2
004160              03  F-FID    PICTURE X(9).                           CEU-2
004170              03  F-FIDN REDEFINES F-FID.                          CEU-2
004180                  05  F-FID1  PICTURE XXX.                         CEU-2
004190                  05  F-FID2  PICTURE XX.                          CEU-2
004200                  05  F-FID3 , PICTURE XXXX.                       CEU-2
005010              03  F-CODE  PICTURE XX.                              CEU-2
005020              03  F-LNAME.                                         CEU-2
005030                  05  F-LNAME1-6  PICTURE X(6).                    CEU-2
005040                  05  FILLER      PICTURE X(10).                   CEU-2
005050              03  FILLER  PICTURE X.                               CEU-2
005060              03  F-FNAME PICTURE X(13).                           CEU-2
005070              03  F-NAME  PICTURE X(30).                           CEU-2
005080              03  F-ADD   PICTURE X(26) OCCURS 4 TIMES.            CEU-2
005090              03  F-BUSS  PICTURE X(26).                           CEU-2
005100              03  F-ZIP   PICTURE X(5).                            CEU-2
005110              03  F-DOU   PICTURE XXX.                             CEU-2
005120              03  F-ACT   PICTURE X(6) OCCURS 30 TIMES.            CEU-2
005130              03  FILLER  PICTURE X(10).                           CEU-2
005140              02  F-AST   PICTURE X.                               CEU-2
005150          02  REC-02  REDEFINES REC-01.                            CEU-2
005160              03  R2-FID   PICTURE X(9).                           CEU-2
005170              02  R2-CODE  PICTURE XX.                             CEU-2
005180              03  R2-LNAME PICTURE X(16).                          CEU-2
005190              03  FILLER   PICTURE X.                              CEU-2
005200              03  R2-FNAME PICTURE X(13).                          CEU-2
006010              03  R2-ACT   PICTURE X(6) OCCURS 58 TIMES.           CEU-2
006020              02  FILLER   PICTURE X(10).                          CEU-2
006030              03  R2-AST   PICTURE X.                              CEU-2
006040      01  ERR-MSG1.                                                CEU-2
006050          02  ER-MS1  PICTURE X(28).                               CEU-2
006060          02  ER1-FID PICTURE X(9),.                               CEU-2
006070          02  FILLER  PICTURE X.                                   CEU-2
006080          02  ER1-NAM PICTURE X(16).                               CEU-2
006090          02  FILLER  PICTURE X.                                   CEU-2
006100          02  ER1-NAME  PICTURE X(13).                             CEU-2
006110          02  FDT-SP01    PICTURE XXX.                             CEU-2
006120      01  ERR-MSG2.                                                CEU-2
006130          02  ER-FID      PICTURE X(9).                            CEU-2
006140          02  ER-F2   OCCURS 9 TIMES.                              CEU-2
006150              03  FILLER  PICTURE XX.                              CEU-2
006160              03  ER-M2   PICTURE X(35).                           CEU-2
006170              03  ER-CR   PICTURE XXX.                             CEU-2
006180      01  ST-NAME1     PICTURE X(16).                              CEU-2
006190      01  ST-NAME2     PICTURE X(13).                              CEU-2
006200      01  EA-MSSA.                                                 CEU-2
007010          02  EA-MSA  PICTURE X(33).                               CEU-2
007020          02  EA-ACT  PICTURE X(6).                                CEU-2
007030          02  EA-F01  PICTURE XXX.                                 CEU-2
007040  01  INQ-PRINT-AREA.                                              CEU-2
007050      02  INQ-BUSS     PICTURE X(26).                              CEU-2
007060      02  INQ-BCR      PICTURE X.                                  CEU-2
007070      02  INQ-PRINTH.                                              CEU-2
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007080      03  IN-FIL.                                                 CEU-2
007090          04  IN-FID1      PICTURE XXX.                           CEU-2
007100          04  IN-01        PICTURE X.                             CEU-2
007110          04  IN-FID2      PICTURE XX.                            CEU-2
007120          04  IN-02        PICTURE X.                             CEU-2
007130          04  IN-FID3      PICTURE X(4).                          CEU-2
007140      03  IN-CR1           PICTURE X.                             CEU-2
007150      03  IN-ENAME         PICTURE X(16).                         CEU-2
007160      03  IN-FNAME         PICTURE X(13).                         CEU-2
007170      03  IN-CR2           PICTURE X.                             CEU-2
007180      03  IN-AREAPR        PICTURE X(406).                        CEU-2
007190 01   IN0-PRINT4.                                                 CEU-2
007200          02  IN4-ADD OCCURS 4 TIMES.                             CEU-2
007210              03  IN4-ADD1     PICTURE X(26).                     CEU-2
007220              03  IN4-CR1      PICTURE X.                         CEU-2
007230          02  FILLER           PICTURE X.                         CEU-2
007240          02  IN4-ZIP          PICTURE X(5).                      CEU-2
007250          02  FILLER           PICTURE XX.                        CEU-2
007260          02  IN4-COU          PICTURE XXX.                       CEU-2
007270          02  IN4-CR2          PICTURE X.                         CEU-2
007280          02  IN4-CR3          PICTURE X.                         CEU-2
007290          02  IN4-CON          PICTURE X(15).                     CEU-2
007300          02  IN4-ACT          PICTURE X(243).                    CEU-2
007310 01   IN0-PRINT3.                                                 CEU-2
007320          02  IN3-ADD OCCURS 3 TIMES.                             CEU-2
007330              03  IN3-ADD1     PICTURE X(26).                     CEU-2
007340              03  IN3-CR1      PICTURE X.                         CEU-2
007350          02  FILLER           PICTURE X.                         CEU-2
007360          02  IN3-ZIP          PICTURE X(5).                      CEU-2
007370          02  FILLER           PICTURE XX.                        CEU-2
007380          02  IN3-COU          PICTURE XXX.                       CEU-2
007390          02  IN3-CR2          PICTURE X.                         CEU-2
007400          02  IN3-CR3          PICTURE X.                         CEU-2
007410          02  IN3-CON          PICTURE X(15).                     CEU-2
007420          02  IN3-ACT          PICTURE X(243).                    CEU-2
007430 01   IN0-PRINT2.                                                 CEU-2
007440          02  IN2-ADD OCCURS 2 TIMES.                             CEU-2
007450              03  IN2-ADD1     PICTURE X(26).                     CEU-2
007460              03  IN2-CR1      PICTURE X.                         CEU-2
007470          02  FILLER           PICTURE X.                         CEU-2
007480          02  IN2-ZIP          PICTURE X(5).                      CEU-2
007490          02  FILLER           PICTURE XX.                        CEU-2
007500          02  IN2-COU          PICTURE XXX.                       CEU-2
007510          02  IN2-CR2          PICTURE X.                         CEU-2
007520          02  IN2-CR3          PICTURE X.                         CEU-2
007530          02  IN2-CON          PICTURE X(15).                     CEU-2
007540          02  IN2-ACT          PICTURE X(243).                    CEU-2
007550 01   IN0-PRINT1.                                                 CEU-2
007560          02  IN1-ADD1         PICTURE X(26).                     CEU-2
007570          02  IN1-CR1          PICTURE X.                         CEU-2
007580          02  FILLER           PICTURE X.                         CEU-2
007590          02  IN1-ZIP          PICTURE X(5).                      CEU-2
007600          02  FILLER           PICTURE XX.                        CEU-2
007610          02  IN1-COU          PICTURE XXX.                       CEU-2
007620          02  IN1-CR2          PICTURE X.                         CEU-2
007630          02  IN1-CR3          PICTURE X.                         CEU-2
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010040          02  FILLER                  PICTURE X(1).                    CEU-2
010050          02  FILLER.                                                  CEU-2
010060          03  FILLER OCCURS 24 TIMES.                                  CEU-2
010070              05  FILLER      PICTURE X(4).                            CEU-2
010080              05  FILLER      PICTURE XX.                              CEU-2
010090          03  FILLER          PICTURE XXX.                             CEU-2
010100 LINKAGE SECTION.                                                      CEU-2
010110     01  CEL-MSSG.                                                    CEU-2
010120         02  MSG-HEADER.                                              CEU-2
010130             03  FILLER      PICTURE X.                               CEU-2
010140             03  TERM-ID     PICTURE X(5).                            CEU-2
010150             03  FILLER      PICTURE X(9).                            CEU-2
010160             02  MSG-TEXT    PICTURE X(577).                          CEU-2
010170             02  FILLER REDEFINES MSG-TEXT.                           CEU-2
010180                 03  TEXT PICTURE X OCCURS 577 TIMES.                 CEU-2
010190     01  LINK-REC.                                                    CEU-2
010200         02  FILLER  PICTURE X(400).                                  CEU-2
011010         02  FILLER  PICTURE X(99).                                   CEU-2
011020         02  LNK-SCO PICTURE X.                                       CEU-2
011030     01  MCHITSW     PICTURE X.                                       CEU-2
011040     01  SYMKEY      PICTURE X(11).                                   CEU-2
011050     01  FILESW      PICTURE X.                                       CEU-2
011060     01  RTRNSW      PICTURE X.                                       CEU-2
011070     01  CORREF      PICTURE X(4).                                    CEU-2
011080     01  TCACTION    PICTURE X(7).                                    CEU-2
011090     01  FILENAME    PICTURE X(5).                                    CEU-2
012010 PROCEDURE DIVISION.                                                  CEU-2
012020     ENTER LINKAGE.                                                   CEU-2
012030     ENTRY 'CELST' USING CEL-MSSG, LINK-REC, MCHITSW, SYMKEY,         CEU-2
012040         FILESW, RTRNSW, CORREF, TCACTION, FILENAME.                  CEU-2
012050     ENTER COBOL.                                                     CEU-2
012060     MOVE '0000' TO CORREF.                                           CEU-2
012070     IF FILESW = 'N' GO TO B1.                                        CEU-2
012080     IF RTRNSW = 'R' GO TO B1.                                        CEU-2
012090     IF TERM-ID = 'COLR1' GO TO C1.                                   CEU-2
012100     IF TERM-ID = 'ROLR1' GO TO C1.                                   CEU-2
012110     IF TERM-ID = 'KCITY' GO TO C1.                                   CEU-2
012120     IF TERM-ID = 'STLR1' GO TO C1.                                   CEU-2
012130     IF TERM-ID = 'STLR2' GO TO C1.                                   CEU-2
012140     IF TERM-ID = 'UWEXT' GO TO C1.                                   CEU-2
012150     IF TERM-ID = 'MDATR' GO TO C1.                                   CEU-2
012160     GO TO C1.                                                        CEU-2
012170 RETURN-TO-PROGRAM.                                                    CEU-2
012180     MOVE ' ' TO RTRNSW.                                              CEU-2
012190     MOVE OFF TO FILESW.                                              CEU-2
012200 A1.                                                                  CEU-2
013010     ENTER LINKAGE.                                                   CEU-2
013020     RETURN.                                                          CEU-2
013030     ENTER COBOL.                                                     CEU-2
013040 B1.                                                                  CEU-2
013050     GO TO A1.                                                        CEU-2
013060 C1.                                                                  CEU-2
013070     MOVE SPACES TO TRANS-AREA, REC-AREA.                             CEU-2
013080     MOVE +0 TO TR, SUB.  MOVE SPACES TO ERROR-SW.                    CEU-2
013090     GO TO A2.                                                        CEU-2
013100 D1.                                                                  CEU-2
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013110      MOVE SPACES TO ERR-MSSG1, MSG-TEXT.                          CEU-2
013120      MOVE 'INVALID PROGRAM-ID OR FORMAT - PLEASE RESEND ' TO      CEU-2
013130      ERR-MSSG1.                                                   CEU-2
013140      MOVE EDT-SEQ TO EDT-SEQ1.                                    CEU-2
013150      MOVE ERR-MSSG1 TO MSG-TEXT.                                  CEU-2
013160      GO TO RETURN-TO-MPROTAN.                                     CEU-2
013170 A2.                                                               CEU-2
013180      ADD +1 TO TR.                                                CEU-2
013190      IF TEXT (TR) = 'I' GO TO INQ-PRINT.                          CEU-2
013200      IF TEXT (TR) = ',' GO TO B2.                                 CEU-2
014010      IF TEXT (TR) = SP ADD +1 TO TR GO TO B2.                     CEU-2
014020      ADD +1 TO SUB.                                               CEU-2
014030      IF SUB > +9 GO TO B2A.                                       CEU-2
014040      MOVE TEXT (TR) TO TR-FIDA (SUB).                             CEU-2
014050      GO TO A2.                                                    CEU-2
014060 B2.                                                               CEU-2
014070      IF SUB > +9 GO TO B2A.                                       CEU-2
014080      IF TR-FID1 NUMERIC MOVE +0 TO SUB GO TO C2.                  CEU-2
014090      IF TR-FID2 NOT NUMERIC GO TO B2A.                            CEU-2
014100      IF TR-FID1 = 'C' OR TR-FID1 = 'K' OR TR-FIC1 = 'F'           CEU-2
014110      OR TR-FID1 = 'S' OR TR-FID1 = 'L' OR TR-FIC1 = 'L'           CEU-2
014120      MOVE +1 TO SUB, GO TO C2.                                    CEU-2
014130 B2A.                                                              CEU-2
014140      MOVE SPACES TO ERR-MSSG1, MSG-TEXT.                          CEU-2
014150      MOVE 'INVALID EID NUMBER  PLEASE RESEND'                     CEU-2
014160      TO ERR-MSSG1.                                                CEU-2
014170      MOVE EDT-SEQ TO EDT-SEQ1.                                    CEU-2
014180      MOVE ERR-MSSG1 TO MSG-TEXT.                                  CEU-2
014190      GO TO RETURN-TO-MPROTAN.                                     CEU-2
014200 C2.                                                               CEU-2
015010      IF INQ-ACCA = 'INQ' GO TO A7.                                CEU-2
015020      ADD +1 TO TR.                                                CEU-2
015030      IF TEXT (TR) NOT = '1' GO TO D2.                             CEU-2
015040      ADD +1 TO TR.                                                CEU-2
015050      IF TEXT (TR) NOT = '-' GO TO D2.                             CEU-2
015060      GO TO E2.                                                    CEU-2
015070 D2.                                                               CEU-2
015080      MOVE '1' TO ER-SW (1), GO TO B6.                             CEU-2
015090 E2.                                                               CEU-2
015100      ADD +1 TO TR                                                 CEU-2
015110      IF TEXT (TR) = ',' GO TO A3.                                 CEU-2
015120      IF TEXT (TR) = SP ADD +1 TO TR GO TO A3.                     CEU-2
015130      ADD +1 TO SUB.                                               CEU-2
015140      IF SUB > +6 GO TO A3.                                        CEU-2
015150      MOVE TEXT (TR) TO TR-ACT1 (SUB).                             CEU-2
015160      GO TO E2.                                                    CEU-2
015170 A3.                                                               CEU-2
015180      IF SUB > +6 MOVE '1' TO ER-SW (1) GO TO B6.                  CEU-2
015190      MOVE TR-ACT TO TR-ACED.  MOVE +0 TO SUB.                     CEU-2
015200      IF TR-ACED1 = 'C' GO TO B3.                                  CEU-2
016010      IF TR-ACED1 = 'K' GO TO B3.                                  CEU-2
016020      IF TR-ACED1 = 'F' GO TO B3.                                  CEU-2
016030      IF TR-ACED1 = 'S' GO TO B3.                                  CEU-2
016040      IF TR-ACED1 = 'U' GO TO B3.                                  CEU-2
016050      IF TR-ACED1 = 'L' GO TO B3.                                  CEU-2
016060      MOVE '1' TO ER-SW (1) GO TO C3.                              CEU-2
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016070 B2.                                                              CEU-2
016080     IF  TR-ACCD2 NOT NUMERIC MOVE '1' TO ER-SW (1) GO TO B6.     CEU-2
016090     IF  TR-ACCD3 = ' ' GO TO C3.                                 CEU-2
016100     IF  TR-ACCD3 = 'N' GO TO C3.                                 CEU-2
016110     MOVE '1' TO ER-SW (1) GO TO B6.                              CEU-2
016120 C3.                                                              CEU-2
016130     ADD +1 TO TR.                                                CEU-2
016140     IF TEXT (TR) NOT = '2' MOVE '1' TO ER-SW (2) GO TO B6.       CEU-2
016150     ADD +1 TO TR.                                                CEU-2
016160     IF TEXT (TR) NOT = '-' MOVE '1' TO ER-SW (2), GO TO B6.      CEU-2
016170 D2.                                                              CEU-2
016180     ADD +1 TO TR.                                                CEU-2
016190     IF TEXT (TR) = CR ADD +1 TO TR GO TO F3.                     CEU-2
016200     IF TEXT (TR) = ',' GO TO E3.                                 CEU-2
017010     ADD +1 TO SUB.                                               CEU-2
017020     IF SUB > +16 GO TO E3.                                       CEU-2
017030     MOVE TEXT (TR) TO TR-LNAME1 (SUB).                           CEU-2
017040     GO TO D2.                                                    CEU-2
017050 E3.                                                              CEU-2
017060     IF SUB > +16 MOVE '1' TO ER-SW (2), GO TO B6.                CEU-2
017070     MOVE +0 TO SUB.                                              CEU-2
017080 E3A.                                                             CEU-2
017090     ADD +1 TO TR.                                                CEU-2
017100     IF TEXT (TR) NOT = '3' MOVE '1' TO ER-SW (3), GO TO E6.      CEU-2
017110     ADD +1 TO TR.                                                CEU-2
017120     IF TEXT (TR) NOT = '-' MOVE '1' TO ER-SW (3), GO TO B6.      CEU-2
017130 F3.                                                              CEU-2
017140     ADD +1 TO TR.                                                CEU-2
017150     IF TEXT (TR) = CR ADD +1 TO TR GO TO G3.                     CEU-2
017160     IF TEXT (TR) = ',' GO TO G3.                                 CEU-2
017170     ADD +1 TO SUB.                                               CEU-2
017180     IF SUB > +13 GO TO G3.                                       CEU-2
017190     MOVE TEXT (TR) TO TR-FNAME1 (SUB). GO TO F3.                 CEU-2
017200 G3.                                                              CEU-2
018010     IF SUB > +13 MOVE '1' TO ER-SW (3), GO TO B6.                CEU-2
018020     MOVE +0 TO SUB.                                              CEU-2
018030 A4.                                                              CEU-2
018040     ADD +1 TO TR.                                                CEU-2
018050     IF  TEXT (TR) NOT = '4' MOVE '1' TO ER-SW (4), GO TO B6.     CEU-2
018060     ADD +1 TO TR.                                                CEU-2
018070     IF TEXT (TR)  NOT = '-' MOVE '1' TO ER-SW (4), GO TO B6.     CEU-2
018080 B4.                                                              CEU-2
018090     ADD +1 TO TR.                                                CEU-2
018100     IF TEXT (TR)      = ',' GO TO C4.                            CEU-2
018110     IF TEXT (TR)      = CR  ADD +1 TO TR GO TO C4.               CEU-2
018120     ADD +1 TO SUB.                                               CEU-2
018130     IF SUB >  +26  GO TO C4.                                     CEU-2
018140     MOVE TEXT (TR) TO TR-ADD1A (SUB).                            CEU-2
018150     GO TO B4.                                                    CEU-2
018160 C4.                                                              CEU-2
018170     IF SUB > +26 MOVE '1' TO ER-SW (4).                          CEU-2
018180     MOVE +0 TO SUB.                                              CEU-2
018190     ADD +1 TO TR. IF TEXT (TR) > '8' SUBTRACT +1 FROM TR,        CEU-2
018200     GO TO A5.                                                    CEU-2
019010 D4.                                                              CEU-2
019020     IF TEXT (TR) NOT = '5'  MOVE '1' TO ER-SW (5) GO TO E6.      CEU-2
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019030      MOVE TEXT (TR) TO TR-CK.                                    CEU-2
019040 E4.                                                              CEU-2
019050      ADD +1 TO TR.                                               CEU-2
019060      IF TEXT (TR) NOT = '-' MOVE '1' TO ER-SW (5) GO TO B6.      CEU-2
019070      MOVE 0 TO SLB.                                              CEU-2
019080 E4.                                                              CEU-2
019090      ADD +1 TO TR.                                               CEU-2
019100      IF  TEXT (TR) = CR ADD +1 TO TR GO TO G4.                   CEU-2
019110      IF  TEXT (TR) = ',' GO TO G4.                               CEU-2
019120      ADD +1 TO SLB.                                              CEU-2
019130      IF  SUB  >  +26  MOVE '1' TO ER-SW (5), GO TO B6.           CEU-2
019140      IF  TR-CK = 5  MOVE TEXT (TR) TO TR-ADD2A (SUB)  GO TO E4.  CEU-2
019150      IF  TR-CK = 6  MOVE TEXT (TR) TO TR-ADD3A (SUB)  GO TO E4.  CEU-2
019160      IF  TR-CK = 7  MOVE TEXT (TR) TO TR-ADD4A (SUB)  GO TO E4.  CEU-2
019170 G4.                                                              CEU-2
019180      ADD 1 TO TR-CKA.                                            CEU-2
019190      ADD +1 TO TR.                                               CEU-2
019200      IF TEXT (TR) > '7' SUBTRACT +1 FROM TR, GO TO E4.           CEU-2
020010      IF  TEXT (TR) NOT = TR-CK  MOVE '1' TO ER-SW (5) GO TO B6.  CEU-2
020020      GO TO E4.                                                   CEU-2
020030 H4.                                                              CEU-2
020040      ADD +1 TO TR. MOVE 0 TO SLB.                                CEU-2
020050      IF TEXT (TR) NOT = '8' SUBTRACT +1 FROM TR GO TO A5.        CEU-2
020060      ADD +1 TO TR.                                               CEU-2
020070      IF TEXT (TR) NOT = '-' MOVE '1' TO ER-SW (9), GO TO B6.     CEU-2
020080 I4.                                                              CEU-2
020090      ADD +1 TO TR. IF TEXT (TR) = CR ADD +1 TO TR GO TO A5.      CEU-2
020100      IF TEXT (TR) = ',' GO TO A5.                                CEU-2
020110      ADD +1 TO SLB.                                              CEU-2
020120      IF SUB > +26 MOVE '1' TO ER-SW (9) GO TO B6.                CEU-2
020130      MOVE TEXT (TR) TO TR-BLSS (SLB).                            CEU-2
020140      GO TO I4.                                                   CEU-2
020150 A5.                                                              CEU-2
020160      ADD +1 TO TR. MOVE 0 TO SLB.                                CEU-2
020170      IF TEXT (TR) NOT = '$' MOVE '1' TO ER-SW (6) GO TO B6.      CEU-2
020180      ADD +1 TO TR.                                               CEU-2
020190      IF TEXT (TR) NOT = '-' MOVE '1' TO ER-SW (6), GO TO B6.     CEU-2
020200 B5.                                                              CEU-2
021010      ADD +1 TO TR.                                               CEU-2
021020      IF TEXT (TR) = CR  ADD +1 TO TR GO TO C5.                   CEU-2
021030      IF TEXT (TR) = ',' GO TO C5.                                CEU-2
021040      ADD +1 TO SLB.  IF SLB > 5  GO TO C5.                       CEU-2
021050      MOVE TEXT (TR) TO TR-ZIPA (SLB).                            CEU-2
021060      GO TO B5.                                                   CEU-2
021070 C5.                                                              CEU-2
021080      IF SUB > 5 MOVE '1' TO ER-SW (6), GO TO B6.                 CEU-2
021090      IF TR-ZIP NOT NUMERIC MOVE '1' TO ER-SW (6), GO TO B6.      CEU-2
021100      MOVE 0 TO SLB.                                              CEU-2
021110 D5.                                                              CEU-2
021120      ADD +1 TO TR.                                               CEU-2
021130      IF TEXT (TR) NOT = '1' MOVE '1' TO ER-SW (7), GO TO B6.     CEU-2
021140      ADD +1 TO TR.                                               CEU-2
021150      IF TEXT (TR) NOT = '0' MOVE '1' TO ER-SW (7), GO TO E5.     CEU-2
021160      ADD +1 TO TR.                                               CEU-2
021170      IF TEXT (TR) NOT = '-' MOVE '1' TO ER-SW (7), GO TO B6.     CEU-2
021180 E5.                                                              CEU-2
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021190      ADD +1 TO TR.                                                  CEU-2
021200      IF TEXT (TR) = ',' GO TO A6.                                   CEU-2
022010      IF TEXT (TR) = CR  ADD +1 TO TR GO TO A6.                      CEU-2
022020      ADD +1 TO SUB.                                                 CEU-2
022030      IF SUB >  3  GO TO E5.                                         CEU-2
022040      MOVE TEXT (TR) TO TR-COUNT (SUB).                              CEU-2
022050      GO TO E5.                                                      CEU-2
022060 A6.                                                                 CEU-2
022070      IF SUB > 3 MOVE '1' TO ER-SW (7), GO TO B6.                    CEU-2
022080      IF TR-COUNT NOT NUMERIC MOVE '1' TO ER-SW (7), GO TO B6.       CEU-2
022090 B6.                                                                 CEU-2
022100      MOVE +0 TO SUB.  MOVE ' ' TO TR-CR.                            CEU-2
022110      IF ERROR-SW = SPACES GO TO A7.                                 CEU-2
022120      MOVE SPACES TO ERR-MSG2.                                       CEU-2
022130      MOVE TR-FID TO ER-FID.                                         CEU-2
022140      IF ER-SW (1) = ' ' GO TO C6. ADD +1 TO SUB.                    CEU-2
022150      MOVE 'INVALID ACTIVITY CODE - TRANS 1' TO ER-M2 (SUB).         CEU-2
022160      MOVE CR TO ER-CR (SUB).                                        CEU-2
022170 C6.                                                                 CEU-2
022180      IF ER-SW (2) = ' ' GO TO D6. ADD +1 TO SUB.                    CEU-2
022190      MOVE 'INVALID LAST NAME - TRANS 2' TO ER-M2 (SUB).             CEU-2
022200      MOVE CR TO ER-CR (SUB).                                        CEU-2
023010 D6.                                                                 CEU-2
023020      IF ER-SW (3) = ' ' GO TO F6.                                   CEU-2
023030      ADD +1 TO SUB.                                                 CEU-2
023040      MOVE 'INVALID FIRST NAME - TRANS 3'  TO ER-M2 (SUB).           CEU-2
023050      MOVE CR TO ER-CR (SUB).                                        CEU-2
023060 F6.                                                                 CEU-2
023070      IF ER-SW (4) = ' ' GO TO F6.                                   CEU-2
023080      ADD +1 TO SUB.                                                 CEU-2
023090      MOVE 'INVALID ADDRESS - TRANS 4' TO ER-M2 (SUB).               CEU-2
023100      MOVE CR TO ER-CR (SUB).                                        CEU-2
023110 F6.                                                                 CEU-2
023120      IF ER-SW (5) = ' ' GO TO G6.                                   CEU-2
023130      ADD +1 TO SUB.                                                 CEU-2
023140      MOVE 'INVALID ADDRESS TRANS 5, 6, 7, OR 8' TO ER-M2 (SUB).     CEU-2
023150      MOVE CR TO ER-CR (SUB).                                        CEU-2
023160 G6.                                                                 CEU-2
023170      IF ER-SW (6) = ' ' GO TO H6.                                   CEU-2
023180      ADD +1 TO SUB.                                                 CEU-2
023190      MOVE 'INVALID ZIP CODE = TRANS 9' TO ER-M2 (SUB).              CEU-2
023200      MOVE CR TO ER-CR (SUB).                                        CEU-2
024010 H6.                                                                 CEU-2
024020      IF ER-SW (7) = ' ' GO TO I6.                                   CEU-2
024030      ADD +1 TO SUB.                                                 CEU-2
024040      MOVE 'INVALID COUNTY CODE - TRANS 10' TO ER-M2 (SUB).          CEU-2
024050      MOVE CR TO ER-CR (SUB).                                        CEU-2
024060 I6.                                                                 CEU-2
024070      IF ER-SW (8) = ' ' GO TO I6A.                                  CEU-2
024080      ADD +1 TO SUB.                                                 CEU-2
024090      MOVE 'EDT  REACHED IN ERROR ' TO ER-M2 (SUB).                  CEU-2
024100      MOVE CR TO ER-CR (SUB).                                        CEU-2
024110 I6A.                                                                CEU-2
024120      IF ER-SW (9) = ' ' GO TO J6.                                   CEU-2
024130      ADD +1 TO SUB.                                                 CEU-2
024140      MOVE 'INVALID AFFILIATION CODE - TRANS 8' TO ER-M2 (SUB).      CEU-2
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024150     MOVE CR TO ER-CR (SUB).                                      CEU-2
024190 J6.                                                              CEU-2
024200     ADD +1 TO SUB.                                               CEU-2
024010     MOVE 'PLEASE RESEND MESSAGE' TO ER-M2 (SUB).                 CEU-2
024020      MOVE EOT-SEQ TO ER-CR (SUB).                                CEU-2
024030     MOVE SPACES TO MSG-TEXT.                                     CEU-2
024040     MOVE ERR-MSG2 TO MSG-TEXT.                                   CEU-2
024050     GO TO RETURN-TO-APPLICAN.                                    CEU-2
025060 A7.                                                              CEU-2
025070     MOVE TR-FID TO SYS-FID.                                      CEU-2
025080     MOVE 01 TO SYS-NF.                                           CEU-2
025090 B7.                                                              CEU-2
025100     MOVE SYMB-KEY TO SYMKEY.                                     CEU-2
025110     MOVE 'READ    ' TO ICACTION.                                 CEU-2
025120     MOVE 'SYS048    ' TO FILENAME.                               CEU-2
025130     MOVE ON TO FILESW.                                           CEU-2
025140     ALTER P1 TO PROCEED TO C7.                                   CEU-2
025150     GO TO A1.                                                    CEU-2
025160 C7.                                                              CEU-2
025170     IF IND-AREA = 'IND' AND ACHITSW = ON GO TO UNMATCHED-FID.     CEU-2
025180     IF IND-AREA = 'IND' GO TO IAG-ER1.                           CEU-2
025190     IF ACHITSW = OFF GO TO A8.                                   CEU-2
025200     IF SYS-NO > 01  GO TO A9.                                    CEU-2
026010     MOVE SPACES TO REC-AREA.                                     CEU-2
026020     MOVE TR-FID     TO  R-FID.                                   CEU-2
026030     MOVE 01         TO  R-CODE.                                  CEU-2
026040     MOVE TR-LNAME   TO  R-LNAME.                                 CEU-2
026050     MOVE TR-FNAME   TO  R-FNAME.                                 CEU-2
026060     MOVE 1 TO SUB.                                               CEU-2
026070 D7.                                                              CEU-2
026080     MOVE TR-ADD1  TO  R-ADD (1).                                 CEU-2
026090     MOVE TR-ADD2  TO  R-ADD (2).                                 CEU-2
026100     MOVE TR-ADD3  TO  R-ADD (3).                                 CEU-2
026110     MOVE TR-ADD4  TO  R-ADD (4).                                 CEU-2
026120     MOVE TR-BUSINESS TO R-BUSS.                                  CEU-2
026130     MOVE TR-ZIP   TO  R-ZIP.                                     CEU-2
026140     MOVE TR-COUN  TO  R-COL.                                     CEU-2
026150 E7.                                                              CEU-2
026160     EXIT.                                                        CEU-2
026170 F7.                                                              CEU-2
026180     MOVE TR-ACT TO R-ACT (SUB).                                  CEU-2
026190     MOVE '*'  TO R-AST.  MOVE REC-AREA TO LINK-REC. IF SUB = 1   CEU-2
026200     GO TO WRITE-REC.  GO TO REWRITE-REC.                         CEU-2
027010 A8.                                                              CEU-2
027020     MOVE LINK-REC TO REC-AREA.                                   CEU-2
027030     IF SYS-NO > 01 GO TO D8.                                     CEU-2
027040     IF R-LNAME1-6 NOT = TR-LNAME1-6 GO TO INVALID-NAME.          CEU-2
027050     IF R-ACT (3C) NOT = SPACES GO TO C8.                         CEU-2
027060     MOVE 0 TO SUB.                                               CEU-2
027070 B8.                                                              CEU-2
027080     ADD +1 TO SUB.                                               CEU-2
027090     IF R-ACT (SUB) NOT = SPACES GO TO B8.                        CEU-2
027100     GO TO D7.                                                    CEU-2
027110 C8.                                                              CEU-2
027120     PERFORM D7 THRU E7.                                          CEU-2
027130     MOVE SYMB-KEY TO SYMKEY. MOVE 'REWRITE' TO ICACTION.         CEU-2
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027140      MOVE 'SYSC48    ' TO FILENAME. MOVE CA TO FILESW.          CEU-2
027150      ALTER P1 TO PROCEED TO C8A. GO TO A1.                      CEU-2
027160 C8A.                                                            CEU-2
027170      ADD C1 TO SYS-NO.                                          CEU-2
027180      MOVE R-LNAME TO ST-NAMEL.                                  CEU-2
027190      MOVE R-FNAME TO ST-NAMEF.                                  CEU-2
027200      GO TO B7.                                                  CEU-2
028010 D8.                                                             CEU-2
028020      IF  R2-ACT (SB) NOT = SPACES ADD 01 TO SYS-NO, GO TO B7.   CEU-2
028030      MOVE 0 TO SUB.                                             CEU-2
028040 E8.                                                             CEU-2
028050      ADD 1 TO SUB.                                              CEU-2
028060      IF R2-ACT (SUB) = SPACES GO TO F8.                         CEU-2
028070      GO TO E8.                                                  CEU-2
028080 F8.                                                             CEU-2
028090      MOVE ST-NAMEL TO R2-LNAME.  MOVE '*' TO R2-AST.            CEU-2
028100      MOVE ST-NAMEF TO R2-FNAME.                                 CEU-2
028110      MOVE TR-ACT TO R2-ACT (SUB). MOVE REC-AREA TO LINK-REC.    CEU-2
028120      GO TO REWRITE-REC.                                         CEU-2
028130 A9.                                                             CEU-2
028140      MOVE SPACES TO REC-AREA.                                   CEU-2
028150      MOVE TR-FID TO  R2-FID.                                    CEU-2
028160      MOVE SYS-NO TO  R2-CODE.                                   CEU-2
028170      MOVE ST-NAMEL  TO  R2-LNAME.                               CEU-2
028180      MOVE ST-NAMEF  TO  R2-FNAME.                               CEU-2
028190      MOVE TR-ACT TO R2-ACT (1).                                 CEU-2
028200      MOVE '*' TO R2-AST. MOVE REC-AREA TO LINK-REC.             CEU-2
028210      GO TO WRITE-REC.                                           CEU-2
028220 WRITE-REC.                                                      CEU-2
028230      MOVE SYM8-KEY TO SYMKEY.                                   CEU-2
028240      MOVE 'WRITE   ' TO IOACTION.                               CEU-2
028250      MOVE 'SYSC48    ' TO FILENAME.                             CEU-2
028260      MOVE ON TO FILESW.                                         CEU-2
028270      ALTER P1 TO PROCEED TO WR-MSI.                             CEU-2
028280      GO TO A1.                                                  CEU-2
028290 WR-MSI.                                                         CEU-2
029100      MOVE SPACES TO ERR-MSG2,  MSG-TEXT.                        CEU-2
029110      MOVE ACT-SEQ TO ER-CR (1).                                 CEU-2
029120      MOVE TR-FID TO ER-FID.                                     CEU-2
029130      IF SUB = 1                                                 CEU-2
029140      MOVE 'NEW RECORD CREATED ' TO ER-M2 (1), ELSE MOVE         CEU-2
029150       'RECORD UPDATED ' TO ER-M2 (1).                           CEU-2
029160      IF NOWITSW = ON MOVE 'WRITE ERROR - NO RECORD CREATED'     CEU-2
029170      TO ER-M2 (1).                                              CEU-2
029180      MOVE ERR-MSG2 TO MSG-TEXT.                                 CEU-2
029190      MOVE '*' TO STPNSW.                                        CEU-2
029200      ALTER P1 TO PROCEED TO ACT-UPDATE.                         CEU-2
029210      GO TO A1.                                                  CEU-2
029220 REWRITE-REC.                                                    CEU-2
030030      MOVE SYM8-KEY TO SYMKEY.                                   CEU-2
030040      MOVE 'REWRITE' TO IOACTION.                                CEU-2
030050      MOVE 'SYSC48    ' TO FILENAME.                             CEU-2
030060      MOVE ON TO FILESW.                                         CEU-2
030070      ALTER P1 TO PROCEED TO WR-MS2.                             CEU-2
030080      GO TO A1.                                                  CEU-2
030090 WR-MS2.                                                         CEU-2
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030100      MOVE SPACES TO ERR-MSG2, MSG-TEXT.                          CEU-2
030110      MOVE ECT-SEQ TO ER-CR (1).                                  CEU-2
030120      MOVE TR-FID TO ER-FID.                                      CEU-2
030130      MOVE 'RECORD UPDATED ' TO ER-M2 (1).                        CEU-2
030140      IF NOHITSW = ON MOVE 'REWRITE ERROR- NO UPDATE'             CEU-2
030150      TO ER-M2 (1).                                               CEU-2
030160      MOVE ERR-MSG2 TO MSG-TEXT.                                  CEU-2
030170      MOVE 'E' TO NOHITSW.                                        CEU-2
030180      ALTER P1 TO PROCEED TO ACT-UPDATE.                          CEU-2
030190      GO TO A1.                                                   CEU-2
030200 INVALID-NAME.                                                    CEU-2
031010      MOVE SPACES TO ERR-MSSG1, MSG-TEXT.                         CEU-2
031020      MOVE 'TRANS INVALID - DISK DATA = ' TO ER-MS1.              CEU-2
031030      MOVE R-FID TO ER1-FID.                                      CEU-2
031040      MOVE R-LNAME TO ER1-NAM.                                    CEU-2
031050      MOVE R-FNAME TO ER1-NAME.                                   CEU-2
031060      MOVE R-FNAME TO ER1-NAME.                                   CEU-2
031070      MOVE ECT-SEQ TO ECT-SEQ1.                                   CEU-2
031080      MOVE ERR-MSSG1 TO MSG-TEXT.                                 CEU-2
031090      GO TO PRINT-IT-APPOINT.                                     CEU-2
031100 INQ-PRINT.                                                      CEU-2
031110      ADD +1 TO TR. IF TEXT (TR) NOT = 'N' GO TO B2A.             CEU-2
031120      ADD +1 TO TR. IF TEXT (TR) NOT = 'O' GO TO B2A.             CEU-2
031130      ADD +1 TO TR. IF TEXT (TR) NOT = ' ' GO TO B2A.             CEU-2
031140      MOVE 'INQ' TO INQ-AREA.                                     CEU-2
031150      GO TO A2.                                                   CEU-2
031160 INQ-PR1.                                                        CEU-2
031170      IF NOHITSW = ON GO TO UNMATCH-ACT.                          CEU-2
031180      MOVE LINK-REC TO REC-AREA.                                  CEU-2
031190      MOVE SPACES TO INQ-PRINT-AREA, MSG-TEXT.                    CEU-2
031197      IF R-BUSS NOT = SPACES MOVE R-BUSS TO INQ-BUSS MOVE CR TO   CEU-2
031198      INQ-CR.                                                     CEU-2
031200      MOVE R-FID1 TO  INQ-FID1.                                   CEU-2
032010      MOVE R-FID2 TO  INQ-FID2.                                   CEU-2
032020      MOVE R-FID3 TO  INQ-FID3.                                   CEU-2
032030      MOVE '-' TO INQ-D1, INQ-D2.                                 CEU-2
032040      MOVE R-LNAME TO INQ-LNAME.                                  CEU-2
032050      MOVE R-FNAME TO INQ-FNAME.                                  CEU-2
032060      MOVE CR TO INQ-CR1, INQ-CR2.                                CEU-2
032070      MOVE +0 TO TR, SUB. MOVE SPACES TO IN1-ACT#.                CEU-2
032080      IF R-ADD (4) NOT = SPACES GO TO INQ4.                       CEU-2
032090      IF R-ADD (3) NOT = SPACES GO TO INQ3.                       CEU-2
032100      IF R-ADD (2) NOT = SPACES GO TO INQ2.                       CEU-2
032110      MOVE SPACES TO INQ-PRINT1.                                  CEU-2
032115      MOVE CR TO IN1-CR2, IN1-CR3.                                CEU-2
032120      MOVE R-ADD (1) TO IN1-ADD1.                                 CEU-2
032130      MOVE R-ZIP TO IN1-ZIP.                                      CEU-2
032140      MOVE R-COD TO IN1-COD.                                      CEU-2
032150      MOVE 'ACTIVITY CODES-' TO IN1-CODE.                         CEU-2
032160 IN1.                                                            CEU-2
032170      ADD +1 TO TR. IF TR > +30 MOVE ECT-SEQ  TO IN1-ECT GO TO    CEU-2
032180      IN1-EXIT.                                                   CEU-2
032190      IF R-ACT (TR) = SPACES MOVE ECT-SEQ TO IN1-ACT1 (TR),       CEU-2
032200      GO TO IN1-EXIT.                                             CEU-2
032810      MOVE R-ACT (TR) TO IN1-ACT (TR).                            CEU-2
033020      IF  TR = +10 MOVE CR TO IN1-CR4 (TR).                       CEU-2
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033030      IF  TR = +20 MOVE CR TO IN1-CR4 (TR).                          CEU-2
033040      GO TO IN1.                                                     CEU-2
033050 IN1-EXIT.                                                           CEU-2
033060      EXIT.                                                          CEU-2
033070 IN1A.                                                               CEU-2
033080      MOVE INQ-PRINT1 TO INQ-AREAPR.                                 CEU-2
033090      GO TO RET-INQ.                                                 CEU-2
033100 INQ2.                                                               CEU-2
033110      MOVE SPACES TO INQ-PRINT2.                                     CEU-2
033120      MOVE R-ADD (1) TO IN2-ADD1 (1).                                CEU-2
033130      MOVE CR TO IN2-CR1 (1) IN2-CR2, IN2-CR3.                       CEU-2
033140      MOVE R-ADD (2) TO IN2-ADD1 (2).                                CEU-2
033150      MOVE R-ZIP TO IN2-ZIP. MOVE 'ACTIVITY CODES-' TO IN2-CON.      CEU-2
033160      MOVE R-COU TO IN2-COU.                                         CEU-2
033170      PERFORM IN1 THRU IN1-EXIT.                                     CEU-2
033180      MOVE IN1-ACTA TO IN2-ACT.                                      CEU-2
033190      MOVE INQ-PRINT2 TO INQ-AREAPR.                                 CEU-2
033200      GO TO RET-INQ.                                                 CEU-2
034010 INQ3.                                                               CEU-2
034020      MOVE SPACES TO INQ-PRINT3.                                     CEU-2
034030      PERFORM IN3A 2 TIMES.                                          CEU-2
034040 IN3A.                                                               CEU-2
034050      ADD +1 TO SUB. MOVE R-ADD (SUB) TO IN3-ADD1 (SUB).             CEU-2
034060      MOVE CR TO IN3-CR1 (SUB).                                      CEU-2
034070 IN3B.                                                               CEU-2
034080      MOVE R-ZIP TO IN3-ZIP.                                         CEU-2
034090      MOVE R-COU TO IN3-COU.                                         CEU-2
034100      MOVE 'ACTIVITY CODES-' TO IN3-CON.                             CEU-2
034110      MOVE CR TO IN3-CR2, IN3-CR3. MOVE ' ' TO IN3-CR1 (3).          CEU-2
034120      PERFORM IN1 THRU IN1-EXIT.                                     CEU-2
034130      MOVE IN1-ACTA TO IN3-ACT.                                      CEU-2
034140      MOVE INQ-PRINT3 TO INQ-AREAPR.                                 CEU-2
034150      GO TO RET-INQ.                                                 CEU-2
034160 INQ4.                                                               CEU-2
034170      MOVE SPACES TO INQ-PRINT4.                                     CEU-2
034180      PERFORM IN4A 3 TIMES.                                          CEU-2
034190 IN4A.                                                               CEU-2
034200      ADD +1 TO SUB. MOVE R-ADD (SUB) TO IN4-ADD1 (SUB).             CEU-2
035010      MOVE CR TO IN4-CR1 (SUB).                                      CEU-2
035020 IN4B.                                                               CEU-2
035030      MOVE R-ZIP TO IN4-ZIP.                                         CEU-2
035040      MOVE R-COU TO IN4-COU.                                         CEU-2
035050      MOVE 'ACTIVITY CODES-' TO IN4-CON.                             CEU-2
035060      MOVE CR TO IN4-CR2, IN4-CR3.                                   CEU-2
035070      MOVE ' ' TO IN4-CR1 (4).                                       CEU-2
035080      PERFORM IN1 THRU IN1-EXIT.                                     CEU-2
035090      MOVE IN1-ACTA TO IN4-ACT.                                      CEU-2
035100      MOVE INQ-PRINT4 TO INQ-AREAPR.                                 CEU-2
035110      GO TO RET-INQ.                                                 CEU-2
035120 RET-INQ.                                                            CEU-2
035125      IF INQ-BUSS = SPACES MOVE INQ-PRINTH TO MSG-TEXT ELSE          CEU-2
035130      MOVE INQ-PRINT-AREA TO MSG-TEXT.                               CEU-2
035140      GO TO RETURN-TO-APPROTAM.                                      CEU-2
035150 ACT-UPDATE.                                                         CEU-2
035160      MOVE SPACES TO SYMKEY.                                         CEU-2
035170      MOVE TR-ACT TO SYMKEY.                                         CEU-2
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035190     MOVE 'PRO    ' TO DDNAME.                                    CEU-2
035195     MOVE 'SYSCTL ' TO FILENAME.                                  CEU-2
035200     MOVE ON TO FILESW.                                           CEU-2
035210     ALTER A1 TO PROCEED TO ACT-UP.                               CEU-2
035220     GO TO A1.                                                    CEU-2
035230 ACT-UP.                                                          CEU-2
035240     IF ADMITSW = ON GO TO UNMATCH-ACT.                           CEU-2
035250     MOVE '00' TO LNK-SCC.                                        CEU-2
035260     MOVE TR-ACT TO SYMKEY.                                       CEU-2
035270     MOVE 'REWRITE' TO IOACTION.                                  CEU-2
035280     MOVE 'SYSC06    ' TO FILENAME.                               CEU-2
035290     MOVE ON TO FILESW.                                           CEU-2
035300     ALTER A1 TO PROCEED TO UP-MES.                               CEU-2
035310     GO TO A1.                                                    CEU-2
035320 UP-MES.                                                          CEU-2
035330     IF ADMITSW = OFF GO TO RETURN-TO-MPPGTAM.                    CEU-2
035340     MOVE SPACES TO ERR-MSSA.                                     CEU-2
035350     MOVE 'REWRITE ERROR AT ACTIVITY UPDATE ' TO EA-MSA.          CEU-2
035360     MOVE TR-ACT TO EA-ACTM.                                      CEU-2
035370     MOVE EOT-SEQ TO EA-ECT.                                      CEU-2
035380     MOVE ERR-MSSA TO MSG-TEXT.                                   CEU-2
035390     GO TO RETURN-TO-MPPGTAM.                                     CEU-2
035200 UNMATCH-ACT.                                                     CEU-2
037010     MOVE SPACES TO ERR-MSSA.                                     CEU-2
037020     MOVE    'NO ACTIVITY RECORD ON FILE FOR - ' TO EA-MSA.       CEU-2
037030     MOVE TR-ACT TO EA-ACTM.                                      CEU-2
037040     MOVE EOT-SEQ TO EA-ECT.                                      CEU-2
037050     MOVE ERR-MSSA TO MSG-TEXT.                                   CEU-2
037060     GO TO RETURN-TO-MPPGTAM.                                     CEU-2
037070 UNMATCH-FID.                                                     CEU-2
037080     MOVE SPACES TO ERR-MSSG1, MSG-TEXT.                          CEU-2
037090     MOVE TR-FID TO ER1-FID.                                      CEU-2
037100     MOVE 'STUDENT RECORD ACT ON FILE ' TO ER-MS1.                CEU-2
037110     MOVE EOT-SEQ TO ER1-NAM.                                     CEU-2
037120     MOVE ERR-MSSG1 TO MSG-TEXT. GO TO RETURN-TO-MPPGTAM.         CEU-2
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001010 IDENTIFICATION DIVISION.                                          CEU2A
001020 PROGRAM-ID. 'CEU2A'.                                              CEU2A
001030 AUTHOR.  HARRY PUSTIGEN GEORGE WOLOSH.                            CEU2A
001040 ENVIRONMENT DIVISION.                                             CEU2A
001050 DATA DIVISION.                                                    CEU2A
002010 WORKING-STORAGE SECTION.                                          CEU2A
002020 77  ON       PICTURE X  VALUE '1'.                               CEU2A
002030 77  OFF      PICTURE X  VALUE '0'.                               CEU2A
002040 01  SYMB-KEY.                                                    CEU2A
002050     02  SYS-FIL      PICTURE X(5).                               CEU2A
002060     02  SYS-NO       PICTURE 99.                                 CEU2A
002070 01  FILLER.                                                      CEU2A
002080     02  EOT-XX  PICTURE S(7) VALUE 13P6039 COMPUTATIONAL.        CEU2A
002090     02  FILLER REDEFINES EOT-XX.                                 CEU2A
002100         03  FILLER  PICTURE X.                                   CEU2A
002110         03  EOT-SEQ.                                             CEU2A
002120             04  CR  PICTURE X.                                   CEU2A
002130             04  ESP PICTURE X.                                   CEU2A
002140             04  EOT PICTURE X.                                   CEU2A
002150 01  TRANS-AREA.                                                  CEU2A
002155     02  TR-FIDCK.                                                CEU2A
002156         03  TR-FID1 PICTURE X.                                   CEU2A
002157         03  TR-FIDN PICTURE 9(8).                                CEU2A
002160     02  TR-FID REDEFINES TR-FIDCK PICTURE 9(9).                  CEU2A
002170     02  TR-FIDA REDEFINES TR-FID PICTURE X OCCURS 9 TIMES.       CEU2A
002180     02  TR-ACT  PICTURE X(6).                                    CEU2A
002190     02  TR-ACT1 REDEFINES TR-ACT PICTURE X OCCURS 6 TIMES.       CEU2A
002200     02  TR-ACCD.                                                 CEU2A
003010         03  TR-ACCD1    PICTURE X.                               CEU2A
003020         03  TR-ACCD2    PICTURE 9(4).                            CEU2A
003030         03  TR-ACCD3    PICTURE X.                               CEU2A
003040     02  TR-LNAME.                                                CEU2A
003050         03  TR-LNAME1-6 PICTURE X(6).                            CEU2A
003060         03  FILLER      PICTURE X(10).                           CEU2A
003070     02  TR-LNAME1 REDEFINES TR-LNAME PICTURE X OCCURS 16 TIMES.  CEU2A
003080     02  TR-FNAME  PICTURE X(13).                                 CEU2A
003090     02  TR-FNAME1 REDEFINES TR-FNAME PICTURE X OCCURS 13 TIMES.  CEU2A
003100     02  TR-ADD1  PICTURE X(26).                                  CEU2A
003110     02  TR-ADD1A REDEFINES TR-ADD1 PICTURE X OCCURS 26 TIMES.    CEU2A
003120     02  TR-ADD2  PICTURE X(26).                                  CEU2A
003130     02  TR-ADD2A REDEFINES TR-ADD2 PICTURE X OCCURS 26 TIMES.    CEU2A
003140     02  TR-ADD3  PICTURE X(26).                                  CEU2A
003150     02  TR-ADD3A REDEFINES TR-ADD3 PICTURE X OCCURS 26 TIMES.    CEU2A
003160     02  TR-ADD4 PICTURE X(26).                                   CEU2A
003170     02  TR-ADD4A REDEFINES TR-ADD PICTURE X OCCURS 26 TIMES.     CEU2A
003180     02  TR-BUSINESS PICTURE X(26).                               CEU2A
003190     02  TR-BUSS REDEFINES TR-BUSINESS PICTURE X OCCURS 26 TIMES. CEU2A
003200     02  TR-ZIP  PICTURE 9(5).                                    CEU2A
004010     02  TR-ZIPA REDEFINES TR-ZIP PICTURE X OCCURS 5 TIMES.       CEU2A
004020     02  TR-COUN PICTURE 999.                                     CEU2A
004030     02  TR-COUN1 REDEFINES TR-COUNT PICTURE X OCCURS 3 TIMES.    CEU2A
004040     02  TR-NAME6    PICTURE X(6).                                CEU2A
004050     02  TR-NAME REDEFINES TR-NAME6 PICTURE X OCCURS 6 TIMES.     CEU2A
004060     02  ADD-SEQ     PICTURE X.                                   CEU2A
004070     02  TR-ACCCD.                                                CEU2A
004080         03  TR-ACD1 PICTURE X.                                   CEU2A
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004090          03  TR-ACT2 PICTURE X(4).                                   CEU2A
004100      02  TR-ACTCD1 REDEFINES TR-ACTCD PICTURE X OCCURS 5 TIMES.      CEU2A
004110      02  TR-DELETE   PICTURE X(6).                                   CEU2A
004120      02  TR-DEL REDEFINES TR-DELETE PICTURE X OCCURS 6 TIMES.        CEU2A
004130      02  ACT-SW      PICTURE  X.                                     CEU2A
004140      02  LNAME-SW    PICTURE  X.                                     CEU2A
004150      02  FNAME-SW    PICTURE  X.                                     CEU2A
004160      02  ADDRESS-SW  PICTURE  X.                                     CEU2A
004170      02  ZIP-SW      PICTURE  X.                                     CEU2A
004180      02  COL-SW      PICTURE  X.                                     CEU2A
004190      02  DELET-SW    PICTURE  X.                                     CEU2A
004200      02  UPDATE-SW   PICTURE  X.                                     CEU2A
004210      02  BUS-SW      PICTURE X.                                      CEU2A
005010  01  IR  PICTURE S9(3).                                              CEU2A
005020  01  SUB PICTURE S99.                                                CEU2A
005030  01  ERROR-SW.                                                       CEU2A
005040      02  ER-SW  PICTURE  X OCCURS 10 TIMES.                          CEU2A
005050      02  TR-CK  PICTURE X.                                           CEU2A
005060      02  TR-CKN REDEFINES TR-CK PICTURE 9.                           CEU2A
005070  01  REC-AREA.                                                       CEU2A
005080      02  REC-C1.                                                     CEU2A
005090          03  R-FID   PICTURE X(9).                                   CEU2A
005100          03  R-CODE  PICTURE XX.                                     CEU2A
005110          03  R-LNAME.                                                CEU2A
005120              05  R-LNAMC1-6  PICTURE X(6).                           CEU2A
005130              05  FILLER      PICTURE X(10).                          CEU2A
005140          03  FILLER  PICTURE X.                                      CEU2A
005150          03  R-FNAME PICTURE X(13).                                  CEU2A
005160          03  R-NAME  PICTURE X(30).                                  CEU2A
005170          03  R-ADD   PICTURE X(25) OCCURS 4 TIMES.                   CEU2A
005175          03  R-BUSINESS  PICTURE X(26).                              CEU2A
005180          03  R-ZIP   PICTURE X(5).                                   CEU2A
005190          03  R-COL   PICTURE XXX.                                    CEU2A
005200          03  R-ACT OCCURS 30 TIMES.                                  CEU2A
006010              05  R-ACT1  PICTURE X(5).                               CEU2A
006020              05  R-ACT2  PICTURE X.                                  CEU2A
006030          03  FILLER  PICTURE X(10).                                  CEU2A
006040          03  R-AST   PICTURE X.                                      CEU2A
006050      02  REC-C2  REDEFINES REC-C1.                                   CEU2A
006060          03  R2-FID   PICTURE X(9).                                  CEU2A
006070          03  R2-CODE  PICTURE XX.                                    CEU2A
006080          03  R2-LNAME PICTURE X(16).                                 CEU2A
006090          03  FILLER   PICTURE X.                                     CEU2A
006100          03  R2-FNAME PICTURE X(13).                                 CEU2A
006110          03  R2-ACT OCCURS 5H TIMES.                                 CEU2A
006120              05  R2-ACT1 PICTURE X(5).                               CEU2A
006130              05  R2-ACT2 PICTURE X.                                  CEU2A
006140          03  FILLER   PICTURE X(1C).                                 CEU2A
006150          03  R2-AST   PICTURE X.                                     CEU2A
006160  01  ERR-MSG1.                                                       CEU2A
006170      02  ER-MS1  PICTURE X(28).                                      CEU2A
006180      02  ER1-FID PICTURE X(9).                                       CEU2A
006190      02  FILLER  PICTURE X.                                          CEU2A
006200      02  ER1-NAM PICTURE X(16).                                      CEU2A
007010      02  ACT-SE01    PICTURE XXX.                                    CEU2A
007020  01  ERR-MSG2.                                                       CEU2A
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007030          02  FR-FID          PICTURE X(9).                        CEU2A
007040          02  FR-M2   OCCURS 5 TIMES.                              CEU2A
007050              03  FILLER      PICTURE XX.                          CEU2A
007060              03  FR-M2       PICTURE X(35).                       CEU2A
007070              03  FR-CR       PICTURE XXX.                         CEU2A
007080      01  ST-NAME1        PICTURE X(18).                           CEU2A
007090      01  ST-NAME2        PICTURE X(13).                           CEU2A
007100      01  T-CODE.                                                  CEU2A
007110          02  T-CODE1         PICTURE X.                           CEU2A
007120          02  T-CODE2         PICTURE X.                           CEU2A
007130          02  T-CODE3         PICTURE X.                           CEU2A
007140      01  J   PICTURE      S9(4) VALUE +0 COMPUTATIONAL.           CEU2A
007150      01  ER-PRINT.                                                CEU2A
007160      02  ERR-MSG.                                                 CEU2A
007170          03  ERR-MSG         PICTURE X(25).                       CEU2A
007180          03  ER4-FID         PICTURE X(9).                        CEU2A
007190          03  FILLER          PICTURE X.                           CEU2A
007200          03  ER4-NAME        PICTURE X(17).                       CEU2A
008010          03  ER4-CRT         PICTURE XXX.                         CEU2A
008020      02  ER5-MSG.                                                 CEU2A
008030          03  ER5-FID         PICTURE X(9).                        CEU2A
008040          03  FILLER          PICTURE X.                           CEU2A
008050          03  ER5-MSG         PICTURE X(52).                       CEU2A
008060          03  ER5-CR          PICTURE XXX.                         CEU2A
008070      01  ER5-MSG-1.                                               CEU2A
008080          02  ER5-MSGA OCCURS 14 TIMES.                            CEU2A
008090              03  ER5-M1      PICTURE X(11).                       CEU2A
008100              03  ER5-M2      PICTURE XX.                          CEU2A
008110              03  ER5-M3      PICTURE X(13).                       CEU2A
008120              03  ER5-M4      PICTURE X(9).                        CEU2A
008130              03  ER5-CR      PICTURE X.                           CEU2A
008140 LINKAGE SECTION.                                                  CEU2A
008150      01  CEL-MSSG.                                                CEU2A
008160          02  MSG-HEADER.                                          CEU2A
008170              03  FILLER          PICTURE X.                       CEU2A
008180              03  TERM-ID         PICTURE X(5).                    CEU2A
008190              03  FILLER          PICTURE X(9).                    CEU2A
008200              02  MSG-TEXT        PICTURE X(577).                  CEU2A
008210              02  FILLER REDEFINES MSG-TEXT.                       CEU2A
008220                  03  TEXT PICTURE X OCCURS 577 TIMES.             CEU2A
008230      01  LINK-REC.                                                CEU2A
008240          02  FILLER  PICTURE X(400).                              CEU2A
008250      01  NOHITSW         PICTURE X.                               CEU2A
008260      01  SYMKEY          PICTURE X(11).                           CEU2A
008270      01  FILESW          PICTURE X.                               CEU2A
008280      01  RTRNSW          PICTURE X.                               CEU2A
008290      01  COMERR          PICTURE X(4).                            CEU2A
008300      01  IOACTION        PICTURE X(7).                            CEU2A
008310      01  FILENAME        PICTURE X(9).                            CEU2A
010010 PROCEDURE DIVISION.                                               CEU2A
010020      ENTER LINKAGE.                                               CEU2A
010030      ENTRY 'CEELSL' USING CEL-MSSG, LINK-REC, NOHITSW, SYMKEY,    CEU2A
010040            FILESW, RTRNSW, COMERR, IOACTION, FILENAME.            CEU2A
010050      ENTER COBOL.                                                 CEU2A
010060      MOVE 'CCCC' TO COMERR.                                       CEU2A
010070      IF FILESW = ON GO TO R1.                                     CEU2A
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010030      IF TRANSW = 'C' GO TO B1.                                       CEU2A
010040      IF TERM-ID = 'CRT2' GO TO C1.                                   CEU2A
010100      IF TERM-ID = 'FDL1' GO TO C1.                                   CEU2A
010110      IF TERM-ID = 'KCITY' GO TO C1.                                  CEU2A
010120      IF TERM-ID = 'STLR1' GO TO C1.                                  CEU2A
010130      IF TERM-ID = 'STLR2' GO TO C1.                                  CEU2A
010140      IF TERM-ID = 'UWEXT' GO TO C1.                                  CEU2A
010150      IF TERM-ID = 'MDATR' GO TO C1.                                  CEU2A
010160      GO TO B1.                                                       CEU2A
010170 RETURN-TO-MPPOTAM.                                                   CEU2A
010180      MOVE ' ' TO TRANSW.                                             CEU2A
010190      MOVE OFF TO FILESW.                                             CEU2A
010200 A1.                                                                  CEU2A
011010      ENTER LINKAGE.                                                  CEU2A
011020      RETURN.                                                         CEU2A
011030      ENTER COBOL.                                                    CEU2A
011040 B1.                                                                  CEU2A
011050      GO TO A1.                                                       CEU2A
011060 C1.                                                                  CEU2A
011070      MOVE SPACES TO TRANS-AREA, REC-AREA.                            CEU2A
011080      MOVE +0 TO TR, SUB.  MOVE SPACES TO FORCE-SW.                   CEU2A
011090      GO TO A2.                                                       CEU2A
011100 C1.                                                                  CEU2A
011110      MOVE SPACES TO ERR-MSSG1, MSG-TEXT.                             CEU2A
011120      MOVE 'INVALID PROGRAM-ID OR FORMAT - PLEASE RESEND ' TO         CEU2A
011130      ERR-MSSG1.                                                      CEU2A
011140      MOVE EOT-SEQ TO EOT-SEQ1.                                       CEU2A
011150      MOVE ERR-MSSG1 TO MSG-TEXT.                                     CEU2A
011160      GO TO RETURN-TO-MPPOTAM.                                        CEU2A
011170 A2.                                                                  CEU2A
011180      ADD +1 TO TR.                                                   CEU2A
011190      IF TEXT (TR) = ',' GO TO B2.                                    CEU2A
011195      IF TEXT (TR) = CR GO TO B2.                                     CEU2A
011200      ADD +1 TO SUB. IF SUB >  +9 GO TO A2.                           CEU2A
012010      MOVE TEXT (TR) TO TR-FIDA (SUB).                                CEU2A
012020      GO TO A2.                                                       CEU2A
012030 B2.                                                                  CEU2A
012040      IF SUB > +9 GO TO C2.                                           CEU2A
012045      MOVE +0 TO SUB.                                                 CEU2A
012050      IF TR-FID NUMERIC GO TO D2.                                     CEU2A
012052      IF TR-FID NOT NUMERIC GO TO C2.                                 CEU2A
012060      IF TR-FID1 = 'C' OR TR-FID1 = 'K' OR TR-FID1 = 'R'              CEU2A
012070      OR TR-FID1 = 'S' OR TR-FID1 = 'L' OR TR-FID1 = 'U' GO TO D2.    CEU2A
012080 C2.                                                                  CEU2A
012090      MOVE SPACES TO ERR-MSSG1, MSG-TEXT.                             CEU2A
012100      MOVE 'INVALID FID NUMBER PLEASE RESEND' TO ERR-MSSG1.           CEU2A
012110 C2A.                                                                 CEU2A
012120      MOVE EOT-SEQ TO EOT-SEQ1.                                       CEU2A
012130      MOVE ERR-MSSG1 TO MSG-TEXT.                                     CEU2A
012140      GO TO RETURN-TO-MPPOTAM.                                        CEU2A
012150 D2.                                                                  CEU2A
012160      ADD +1 TO TR.                                                   CEU2A
012170      IF TEXT (TR) = ',' GO TO A3.                                    CEU2A
012180      ADD +1 TO SUB. IF SUB > +6 GO TO F2.                            CEU2A
012190      MOVE TEXT (TR) TO TR-NAM6 (SUB).                                CEU2A
012200      GO TO D2.                                                       CEU2A
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013030 B2.                                                              CEU2A
013040     MOVE SPACES TO ERR-MSS01, MSG-TEXT.                          CEU2A
013050     MOVE 'NAME IS INVALID NOT EQUAL TO 6 POSITIONS' TO ERR-MSS01.CEU2A
013060     GO TO C2A.                                                   CEU2A
013070 A3.                                                              CEU2A
013080     IF TEXT (TR) = ',' ADD +1 TO TR.                             CEU2A
013090     IF TEXT (TR) = CR ADD +1 TO TR.                              CEU2A
013095     IF TEXT (TR) = EOB ADD +1 TO TR.                             CEU2A
013097     MOVE TEXT (TR) TO  T-CODE1.                                  CEU2A
013100     ADD +1 TO TR. MOVE TEXT (TR) TO T-CODE2.                     CEU2A
013110     ADD +1 TO TR. MOVE TEXT (TR) TO T-CODE3.                     CEU2A
013120     IF T-CODE1 = EOB OR T-CODE1 = ECT GO TO C6.                  CEU2A
013130     IF T-CODE2 = EOB OR T-CODE2 = ECT GO TO C6.                  CEU2A
013140     IF T-CODE3 = EOB OR T-CODE3 = ECT GO TO C6.                  CEU2A
013150     MOVE +0 TO SUB.                                              CEU2A
013160     IF T-CODE = '11-'   GO TO A3.                                CEU2A
013170     IF T-CODE = '12-'   GO TO A4.                                CEU2A
013180     IF T-CODE = '13-'   GO TO A5.                                CEU2A
013190     IF T-CODE = '14-'   GO TO C5.                                CEU2A
013200     IF T-CODE = '15-'   GO TO C5.                                CEU2A
014010     IF T-CODE = '16-'   GO TO C5.                                CEU2A
014020     IF T-CODE = '17-'   GO TO C5.                                CEU2A
014030     IF T-CODE = '18-'   GO TO B6A.                               CEU2A
014040     IF T-CODE = '19-'   GO TO A7.                                CEU2A
014050     IF T-CODE = '20-'   GO TO A8.                                CEU2A
014060     IF T-CODE = '25-'   GO TO A9.                                CEU2A
014070     MOVE SPACES TO ERR-MSS5, MSG-TEXT.                           CEU2A
014080     MOVE                                                         CEU2A
014090     'INVALID TRANS FOLLOWING , OR CR PLEASE RESEND MESSAGE'      CEU2A
014100     TO ERR-MSG.                                                  CEU2A
014110     MOVE TR-FID TO ERR-FID.                                      CEU2A
014120     MOVE EDT-SEQ TO EDT-M5.                                      CEU2A
014130     MOVE ERR-MSS5 TO MSG-TEXT.                                   CEU2A
014140     GO TO RETURN-TO-MPPOTAM.                                     CEU2A
014150 A3.                                                              CEU2A
014160     ADD +1 TO TR.                                                CEU2A
014170     IF TEXT (TR) = ',' GO TO C3.                                 CEU2A
014180     IF TEXT (TR) = CR  GO TO C3.                                 CEU2A
014185     IF TEXT (TR) = ECT GO TO C3.                                 CEU2A
014190     ADD +1 TO SUB. IF SUB > +5 GO TO D3.                         CEU2A
014200     MOVE TEXT (TR) TO TR-ACTCD1 (SUB).                           CEU2A
015010     GO TO A3.                                                    CEU2A
015020 C3.                                                              CEU2A
015030     IF TR-ACD1 = 'C' AND TR-ACD2 NUMERIC GO TO A3.               CEU2A
015040     IF TR-ACD1 = 'K' AND TR-ACD2 NUMERIC GO TO A3.               CEU2A
015050     IF TR-ACD1 = 'F' AND TR-ACD2 NUMERIC GO TO A3.               CEU2A
015060     IF TR-ACD1 = 'S' AND TR-ACD2 NUMERIC GO TO A3.               CEU2A
015070     IF TR-ACD1 = 'L' AND TR-ACD2 NUMERIC GO TO A3.               CEU2A
015080     IF TR-ACD1 = 'U' AND TR-ACD2 NUMERIC GO TO A3.               CEU2A
015090 D3.                                                              CEU2A
015100     MOVE  ON  TO ACT-SW.                                         CEU2A
015105     IF TEXT (TR) = ECT GO TO C3.                                 CEU2A
015110     IF SUB > +5  GO TO B3.                                       CEU2A
015120     GO TO A3.                                                    CEU2A
015130 A4.                                                              CEU2A
015140     ADD +1 TO TR.                                                CEU2A
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015150      IF TEXT (TR) = ',' GO TO A3.                                    CEU2A
015160      IF TEXT (TR) = CR  GO TO A3.                                    CEU2A
015165      IF TEXT (TR) = EOT GO TO A3.                                    CEU2A
015170      ADD +1 TO SUB.                                                  CEU2A
015180      IF SUB >  +16  GO TO B4.                                        CEU2A
015190      MOVE TEXT (TR) TO TR-LNAME1 (SUB).                              CEU2A
015200      GO TO A4.                                                       CEU2A
016010 B4.                                                                  CEU2A
016020      MOVE ON  TO LNAME-SW.                                           CEU2A
016030      GO TO A4.                                                       CEU2A
016040 A5.                                                                  CEU2A
016050      ADD +1 TO TR.                                                   CEU2A
016060      IF TEXT (TR) = ',' GO TO A3.                                    CEU2A
016070      IF TEXT (TR) = CR  GO TO A3.                                    CEU2A
016075      IF TEXT (TR) = EOT GO TO A3.                                    CEU2A
016080      ADD +1 TO SUB. IF SUB > +13 GO TO B5.                           CEU2A
016090      MOVE TEXT (TR) TO TR-FNAME1 (SUB).                              CEU2A
016100      GO TO A5.                                                       CEU2A
016110 B5.                                                                  CEU2A
016120      MOVE ON TO FNAME-SW.                                            CEU2A
016130      GO TO A5.                                                       CEU2A
016140 C5.                                                                  CEU2A
016150      IF T-CODE2 > ADD-SEQ MOVE T-CODE2 TO ADD-SEQ GO TO A6.          CEU2A
016160      GO TO B6.                                                       CEU2A
016170 A6.                                                                  CEU2A
016180      ADD +1 TO TR.                                                   CEU2A
016190      IF TEXT (TR) = ',' GO TO A3.                                    CEU2A
016200      IF TEXT (TR) = CR  GO TO A3.                                    CEU2A
016210      IF TEXT (TR) = EOT GO TO A3.                                    CEU2A
017010      ADD +1 TO SUB.                                                  CEU2A
017020      IF SUB > +26 GO TO B6.                                          CEU2A
017030      IF T-CODE2 = '4' MOVE TEXT (TR) TO TR-ADD1A (SUB) GO TO A6.     CEU2A
017040      IF T-CODE2 = '5' MOVE TEXT (TR) TO TR-ADD2A (SUB) GO TO A6.     CEU2A
017050      IF T-CODE2 = '6' MOVE TEXT (TR) TO TR-ADD3A (SUB) GO TO A6.     CEU2A
017060      IF T-CODE2 = '7' MOVE TEXT (TR) TO TR-ADD4A (SUB) GO TO A6.     CEU2A
017080 B6.                                                                  CEU2A
017090      MOVE ON TO ADDRESS-SW.                                          CEU2A
017100      GO TO A6.                                                       CEU2A
017101 B6A.                                                                 CEU2A
017102      ADD +1 TO TR.                                                   CEU2A
017103      IF TEXT (TR) = ',' GO TO A3.                                    CEU2A
017104      IF TEXT (TR) = CR  GO TO A3.                                    CEU2A
017105      IF TEXT (TR) = EOT GO TO A3.                                    CEU2A
017106      ADD +1 TO SUB.                                                  CEU2A
017107      IF SUB > +26 MOVE ON  TO BLS-SW  GO TO B6A.                     CEU2A
017108      MOVE TEXT (TR) TO TR-BLSS (SUB). GO TO B6A.                     CEU2A
017110 C6.                                                                  CEU2A
017120      IF TR-ADD1 = SPACES AND TR-ADD2 NOT = SPACES GO TO D6.          CEU2A
017130      IF TR-ADD2 = SPACES AND TR-ADD3 NOT = SPACES GO TO D6.          CEU2A
017140      IF TR-ADD3 = SPACES AND TR-ADD4 NOT = SPACES GO TO D6.          CEU2A
017160      GO TO D9.                                                       CEU2A
017170 D6.                                                                  CEU2A
017180      MOVE ON TO ADDRESS-SW.                                          CEU2A
017190      GO TO D9.                                                       CEU2A
017200 A7.                                                                  CEU2A
018010      ADD +1 TO TR.                                                   CEU2A
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018020      IF TEXT (TR) = ',' GO TO A7.
018030      IF TEXT (TR) = CR  GO TO A7.
018035      IF TEXT (TR) = EOT GO TO A7.
018040      ADD +1 TO SUB. IF SUB > +5 GO TO C7.
018050      MOVE TEXT (TR) TO TR-ZIPA (SUB).
018060      GO TO A7.
018070 B7.
018075      IF TR-ZIP NOT NUMERIC GO TO C7.
018080      IF TR-ZIP = CCCOC GO TO C7.
018090      GO TO A3.
018100 C7.
018110      MOVE ON TO ZIP-SW.
018115      IF TEXT (TR) = EOT GO TO A3.
018120      IF SUB > +5 GO TO A7.
018130      GO TO A3.
018140 A8.
018150      ADD +1 TO TR.
018160      IF TEXT (TR) = ',' GO TO B8.
018170      IF TEXT (TR) = CR  GO TO B8.
018175      IF TEXT (TR) = EOT GO TO B8.
018180      ADD +1 TO SUB.
018190      IF SUB > +3 GO TO C8.
018200      MOVE TEXT (TR) TO TR-CCUN1 (SUB).
019010      GO TO A8.
019020 B8.
019025      IF TR-CCUN NOT NUMERIC GO TO C8.
019030      IF TR-CCUN = CCC GO TO C8.
019040      GO TO A3.
019050 C8.
019060      MOVE ON TO COL-SW.
019065      IF TEXT (TR) = EOT GO TO A3.
019070      IF SUB > +3 GO TO A8.
019080      GO TO A3.
019090 A9.
019100      ADD +1 TO TR.
019110      IF TEXT (TR) = ',' GO TO B9.
019120      IF TEXT (TR) = CR  GO TO B9.
019125      IF TEXT (TR) = EOT GO TO B9.
019130      ADD +1 TO SUB.
019140      IF SUB > +6 GO TO C9.
019150      MOVE TEXT (TR) TO TR-DEL (SUB).
019160      GO TO A9.
019170 B9.
019180      IF TR-DELETE = 'DELETE' GO TO A3.
019190 C9.
019200      MOVE ON TO DELET-SW.
019205      IF TEXT (TR) = EOT GO TO A3.
020010      IF SUB > +6 GO TO A9.
020020      GO TO A3.
020030 D9.
020040      IF ACT-SW = ON MOVE SPACES TO  TR-ACODE.
020050      IF LNAME-SW = ON  MOVE SPACES TO TR-LNAME.
020060      IF FNAME-SW = ON  MOVE SPACES TO TR-FNAME.
020065      IF BUS-SW = ON MOVE SPACES TO TR-BUSINESS.
020070      IF ZIP-SW   = ON  MOVE SPACES TO TR-ZIPA (1).
020080      IF COU-SW   = ON  MOVE ' ' TO TR-CCUN1 (1).
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CEU2A
CEU2A
CEU2A
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020090      IF DELET-SW = ON  MOVE SPACES  TO TR-DELETE.                    CEU2A
021010      NOTE ****   READ DISK FILE COMPARE FOR RECAL FIC    ****.       CEU2A
021020 A1C.                                                                 CEU2A
021030      MOVE TR-FID TO SYS-FID.                                         CEU2A
021040      MOVE 01 TO SYS-NO.                                              CEU2A
021050 B1O.                                                                 CEU2A
021060      MOVE SYSR-KEY TO SYMKEY.                                        CEU2A
021070      MOVE 'READ    ' TO IOACTION.                                    CEU2A
021075      MOVE 'SYS048  ' TO FILENAME.                                    CEU2A
021080      MOVE ON TO FILESW.                                              CEU2A
021090      ALTER B1 TO PROCEED TO C1C.                                     CEU2A
021100      GO TO A1.                                                       CEU2A
021110 C1C.                                                                 CEU2A
021120      IF NOHITSW = OFF GO TO A11.                                     CEU2A
021130      IF SYS-NO NOT = 01 GO TO A13.                                   CEU2A
021140      MOVE SPACES TO ERR-MSS4, MSG-TEXT.                              CEU2A
021150      MOVE 'FED I.D. NOT ON FILE - ' TO ER4-MSSG.                     CEU2A
021160      MOVE TR-FID TO ER4-FID.                                         CEU2A
021170      MOVE SOT-SEQ TO ER4-NAME. MOVE ERR-MSS4 TO MSG-TEXT.            CEU2A
021180      GO TO RETURN-TO-MPPOTAY.                                        CEU2A
022010      NOTE ****   COMPARE TERMINAL TO DISK RECORD ON NAME    ****.    CEU2A
022020 A11.                                                                 CEU2A
022030      IF SYS-NO > 01  GO TO A13.                                      CEU2A
022040      MOVE LINK-REC TO REC-AREA.                                      CEU2A
022050      IF R-LNAME1-6 = TR-LNAME6 GO TO B11.                            CEU2A
022060      MOVE SPACES TO ERR-MSS4, MSG-TEXT.                              CEU2A
022070      MOVE 'INVALID NAME-DISK DATA = ' TO ER4-MSSG.                   CEU2A
022080      MOVE R-FID TO ER4-FID.                                          CEU2A
022090      MOVE R-LNAME TO ER4-NAME.                                       CEU2A
022100      MOVE SOT-SEQ TO ER4-SOT.                                        CEU2A
022110      MOVE ER4-MSS4 TO MSG-TEXT.                                      CEU2A
022120      GO TO RETURN-TO-MPPOTAY.                                        CEU2A
023010      NOTE ****** UPDATE RECORD WITH TRANS 14 THRU 20 ******.         CEU2A
023020 B11.                                                                 CEU2A
023030      IF TR-ADD1 = SPACES GO TO B11A.                                 CEU2A
023040      IF ADDRESS-SW = ON GO TO B11A.                                  CEU2A
023050      MOVE SPACES TO R-ADD (1), R-ADD (2), R-ADD (3), R-ADD (4).      CEU2A
023060      MOVE ON TO UPDATE-SW.                                           CEU2A
023070      IF TR-ZIP NOT NUMERIC AND ZIP-SW NOT = ON MOVE 'M' TO ZIP-SW.   CEU2A
023080      MOVE TR-ADD1 TO R-ADD (1).                                      CEU2A
023090      MOVE TR-ADD2 TO R-ADD (2).                                      CEU2A
023100      MOVE TR-ADD3 TO R-ADD (3).                                      CEU2A
023110      MOVE TR-ADD4 TO R-ADD (4).                                      CEU2A
023120 B11A.                                                                CEU2A
023130      IF TR-BUSINESS NOT = SPACES MOVE TR-BUSINESS TO                 CEU2A
023135      R-BUSINESS MOVE ON TO UPDATE-SW.                                CEU2A
023140 C11.                                                                 CEU2A
023150      IF TR-ZIP NUMERIC MOVE TR-ZIP TO R-ZIP, MOVE ON TO UPDATE-SW.   CEU2A
023160      IF TR-CCUN NUMERIC MOVE TR-CCUN TO R-CCU.                       CEU2A
023170      MOVE ON TO UPDATE-SW.                                           CEU2A
023180      IF TR-DELETE = 'DELETE' MOVE 'D' TO R-AST.                      CEU2A
023190      MOVE ON TO UPDATE-SW.                                           CEU2A
023200      IF TR-LNAME NOT = SPACES MOVE TR-LNAME TO R-LNAME,              CEU2A
024010      MOVE ON TO UPDATE-SW.                                           CEU2A
024020      IF TR-FNAME NOT = SPACES MOVE TR-FNAME TO R-FNAME,              CEU2A
024030      MOVE ON TO UPDATE-SW.                                           CEU2A
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024040     IF TR-DELETE = SPACES GO TO A12.                                CEU2A
024050     MOVE +0 TO SUB.                                                 CEU2A
024060 D11.                                                                CEU2A
024070     ADD +1 TO SUB.                                                  CEU2A
024080     IF  SUB > +30 GO TO A12.                                        CEU2A
024090     IF  TR-ACDCD = R-ACT1 (SUB) GO TO E11.                          CEU2A
024100     GO TO D11.                                                      CEU2A
024110 E11.                                                               CEU2A
024120     IF SUB = +1 AND R-ACT1 (2) = SPACES GO TO H11.                  CEU2A
024130     MOVE SPACES TO R-ACT (SUB).                                     CEU2A
024140     MOVE SPACES TO TR-ACDCD. MOVE ON TO UPDATE-SW.                  CEU2A
024150     MOVE SUB TO J.                                                  CEU2A
024160     ADD +1 TO J.                                                    CEU2A
024170     IF J > +30 GO TO A12.                                           CEU2A
024180 F11.                                                               CEU2A
024190     IF R-ACT (J) = SPACES GO TO A12.                                CEU2A
024200     MOVE R-ACT (J) TO R-ACT (SUB).  MOVE SPACES TO R-ACT (J).       CEU2A
025010     ADD +1 TO J.                                                    CEU2A
025020     ADD +1 TO SUB.                                                  CEU2A
025030     IF J >  +30  GO TO A12.                                         CEU2A
025040     GO TO F11.                                                      CEU2A
025050 H11.                                                               CEU2A
025060     MOVE SPACES TO TR-ACDCD.                                        CEU2A
025070     MOVE 'N' TO ACT-SW.                                             CEU2A
025080     GO TO A12.                                                      CEU2A
026010     NOTE ********** REWRITE UPDATED 01 MASTER ********************.CEU2A
026020 A12.                                                               CEU2A
026030     MOVE SYMB-KEY TO SYMKEY.  MOVE REC-AREA TO LINK-REC.            CEU2A
026040     MOVE 'REWRITE' TO IOACTION.                                     CEU2A
026045     MOVE 'SYS048    ' TO FILENAME.                                  CEU2A
026050     MOVE ON TO FILESW.                                              CEU2A
026060     ALTER B1 TO PROCEED TO B12.                                     CEU2A
026070     GO TO A1.                                                       CEU2A
026080 B12.                                                               CEU2A
026085     IF NOHITSW = ON GO TO A16.                                      CEU2A
026090     IF  TR-DELETE = SPACES AND TR-LNAME = SPACES AND TR-FNAME =     CEU2A
026100      SPACES AND TR-ACDCD = SPACES GO TO A14.                        CEU2A
026110 C12.                                                               CEU2A
026120     MOVE TR-FID TO SYS-FID.                                         CEU2A
026130     ADD 01 TO SYS-WD.                                               CEU2A
026140     GO TO B1C.                                                      CEU2A
027010     NOTE ********** UPDATE TRAILER RECORDS ********************.   CEU2A
027020 A13.                                                               CEU2A
027030     IF NOHITSW = ON GO TO A14.                                      CEU2A
027040     MOVE LINK-REC TO REC-AREA.                                      CEU2A
027050     IF TR-DELETE = 'DELETE'  MOVE '01' TO R2-AST.                   CEU2A
027060     IF TR-LNAME NOT = SPACES MOVE TR-LNAME TO R2-LNAME.             CEU2A
027070     IF TR-FNAME NOT = SPACES MOVE TR-FNAME TO R2-FNAME.             CEU2A
027080     IF TR-ACDCD = SPACES GO TO A12.                                 CEU2A
027090     MOVE +0 TO SUB.                                                 CEU2A
027100 B13.                                                               CEU2A
027110     ADD +1 TO SUB.                                                  CEU2A
027120     IF SUB > +58  GO TO A12.                                        CEU2A
027130     IF TR-ACDCD NOT = R2-ACT1 (SUB) GO TO B13.                      CEU2A
027140     MOVE SPACES TO TR-ACDCD, R2-ACT (SUB).                          CEU2A
027150     MOVE SUB TO J. MOVE ON TO UPDATE-SW.                            CEU2A
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027140      ADD +1 TO J.                                                    CEU2A
027170 C13.                                                                 CEU2A
027190      IF J > +58 GO TO A12.                                           CEU2A
027190      IF R2-ACT (J) = SPACES GO TO A12.                               CEU2A
027200      MOVE R2-ACT (J) TO R2-ACT (SLS).                                CEU2A
029010      MOVE SPACES TO R2-ACT (J).                                      CEU2A
029020      ADD +1 TO J.                                                    CEU2A
029030      GO TO C13.                                                      CEU2A
029010      NOTE ****** PRINT ERROR AND UPDATE MESSAGES ***************.   CEU2A
029020 A14.                                                                 CEU2A
029030      MOVE SPACES TO ER5-MSG-1.                                       CEU2A
029040      MOVE +0 TO J.                                                   CEU2A
029050 B14.                                                                 CEU2A
029060      IF ACT-SW NOT = ON GO TO C14.                                   CEU2A
029070      PERFORM A15 THRU B15.                                           CEU2A
029080      MOVE '11' TO ER5-M2 (J).                                        CEU2A
029090 C14.                                                                 CEU2A
029100      IF LNAME-SW NOT = ON GO TO D14.                                 CEU2A
029110      PERFORM A15 THRU B15.                                           CEU2A
029120      MOVE '12' TO ER5-M2 (J).                                        CEU2A
029130 D14.                                                                 CEU2A
029140      IF FNAME-SW NOT = ON GO TO E14.                                 CEU2A
029150      PERFORM A15 THRU B15.                                           CEU2A
029160      MOVE '13' TO ER5-M2 (J).                                        CEU2A
029170 E14.                                                                 CEU2A
029180      IF ADDRESS-SW NOT = ON GO TO E14A.                              CEU2A
029190      PERFORM A15 THRU B15.                                           CEU2A
029200      MOVE '14' TO ER5-M2 (J).                                        CEU2A
029210 E14A.                                                                CEU2A
029220      IF BUS-SW NOT = ON GO TO F14.                                   CEU2A
029230      PERFORM A15 THRU B15.                                           CEU2A
029240      MOVE '18' TO ER5-M2 (J).                                        CEU2A
030010 F14.                                                                 CEU2A
030020      IF ZIP-SW NOT = ON GO TO G14.                                   CEU2A
030030      PERFORM A15 THRU B15.                                           CEU2A
030040      MOVE '19' TO ER5-M2 (J).                                        CEU2A
030050 G14.                                                                 CEU2A
030060      IF COU-SW NOT = ON GO TO H14.                                   CEU2A
030070      PERFORM A15 THRU B15.                                           CEU2A
030080      MOVE '20' TO ER5-M2 (J).                                        CEU2A
030090 H14.                                                                 CEU2A
030100      IF DELET-SW  NOT = ON GO TO C15.                                CEU2A
030110      PERFORM A15 THRU B15.                                           CEU2A
030120      MOVE '25' TO ER5-M2 (J).                                        CEU2A
030130      GO TO C15.                                                      CEU2A
030140 A15.                                                                 CEU2A
030150      ADD +1 TO J.                                                    CEU2A
030160      MOVE   'TRANS CODE ' TO ER5-M1 (J).                             CEU2A
030170      MOVE   ' INVALID FOR ' TO ER5-M3 (J).                           CEU2A
030180      MOVE TR-FID TO ER5-M4 (J).                                      CEU2A
030190      MOVE CR TO ER5-CR (J).                                          CEU2A
030200 B15.                                                                 CEU2A
031010      EXIT.                                                           CEU2A
031020 C15.                                                                 CEU2A
031030      IF TR-ACCCD = SPACES GO TO D15.                                 CEU2A
031040      ADD +1 TO J.                                                    CEU2A
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031050     MOVE 'TRANS CODE ' TO ER5-M1 (J).                          CEU2A
031060     MOVE '11' TO ER5-M2 (J).                                   CEU2A
031070     MOVE ' MISMATCHED---' TO ER5-M3 (J).                       CEU2A
031080     MOVE CR TO ER5-CR (J).                                     CEU2A
031090 C15.                                                           CEU2A
031100     IF ACT-SW NOT = 'K' GO TO F15.                             CEU2A
031110     ADD +1 TO J.                                               CEU2A
031120     MOVE   'TRANS 11 INVALID SHOULD BE TRANS 25' TO ER5-MSGA (J).CEU2A
031130     ADD +1 TO J. MOVE TR-FID TO ER5-M1 (J).                    CEU2A
031140     MOVE CR TO ER5-CR (J).                                     CEU2A
031150 F15.                                                           CEU2A
031160     IF ZIP-SW NOT = 'M' GO TO E15.                             CEU2A
031170     ADD +1 TO J.                                               CEU2A
031180     MOVE 'SUBMIT ZIP CODE FOR ' TO ER5-MSGA (J).               CEU2A
031190     MOVE TR-FID TO ER5-M4 (J).                                 CEU2A
031200     MOVE CR TO ER5-CR (J).                                     CEU2A
032010 E15.                                                           CEU2A
032020     IF UPDATE-SW NOT = CR GO TO G15.                           CEU2A
032030     ADD +1 TO J.                                               CEU2A
032040     MOVE   'CREATED WITH VALID TRANS' TO ER5-MSGA (J).         CEU2A
032050     MOVE TR-FID TO ER5-M4 (J).                                 CEU2A
032060 G15.                                                           CEU2A
032070     IF ER5-CR (J) = CR MOVE ' ' TO ER5-CR (J).                 CEU2A
032080     ADD +1 TO J. MOVE EDT-SEQ TO ER5-M1 (J).                   CEU2A
032090     MOVE SPACES TO MSG-TEXT.                                   CEU2A
032100     MOVE ER5-MSG-1  TO MSG-TEXT.                               CEU2A
032110     GO TO RETURN-TO-MPROTAM.                                   CEU2A
032120 A16.                                                           CEU2A
032130     MOVE SPACES TO MSG-TEXT, ERR-MSSG1.                        CEU2A
032140     MOVE SYS-FID TO ER1-FID.                                   CEU2A
032150     MOVE 'REWRITE ERROR ACT UPDATED'    TO ER-MS1.             CEU2A
032155     MOVE EDT-SEQ TO EDT-SEQ1.                                  CEU2A
032160     MOVE ERR-MSSG1 TO MSG-TEXT. GO TO RETURN-TO-MPROTAM.       CEU2A
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001010 IDENTIFICATION DIVISION.                                          CEU3
001020 PROGRAM-ID. 'CEU3'.                                               CEU3
001030 AUTHOR. HARRY PRETTYMAN GEORGE HOUGH.                             CEU3
001040 REMARKS. REORGANIZE CEU ACTIVITY FILE MASTER DISK RECORDS          CEU3
001050          AND CREATE CEU DAILY ACTIVITY FILE DISK RECORDS.         CEU3
001060          U-WIDE EXTENSION JIM CLEAR.                              CEU3
001070 ENVIRONMENT DIVISION.                                              CEU3
001080 INPUT-OUTPUT SECTION.                                              CEU3
001090 FILE-CONTROL.                                                      CEU3
001100     SELECT MST-FILE ASSIGN TO 'SYSC01' DIRECT-ACCESS 2314 UNIT     CEU3
001110     ACCESS IS SEQUENTIAL ORGANIZATION IS INDEXED                   CEU3
001120     RESERVE NO ALTERNATE AREAS RECORD KEY IS M-ACT                 CEU3
001130     SYMBOLIC KEY IS SYM-KEY.                                       CEU3
001150     SELECT MST-OUTFILE ASSIGN TO 'SYSC00' DIRECT-ACCESS 2314       CEU3
001160     UNIT ACCESS IS SEQUENTIAL ORGANIZATION IS INDEXED              CEU3
001170     RESERVE NO ALTERNATE AREAS RECORD KEY IS M-OACT.               CEU3
002010     SELECT DAILY-TAPE ASSIGN TO 'SYSC08' UTILITY 2400 UNITS.       CEU3
002050     SELECT REI-TAPE ASSIGN TO 'SYSC07' UTILITY 2400 UNITS.
002140     SELECT TAPE-FILE ASSIGN TO 'SYSC06' UTILITY 2400 UNITS.        CEU3
002150 DATA DIVISION.
002150 FILE SECTION.
003010 FD  MST-FILE RECORDING MODE IS F  LABEL RECORDS ARE STANDARD       CEU3
003020     BLOCK CONTAINS 6 RECORDS RECORD CONTAINS 500 CHARACTERS        CEU3
003030     DATA RECORD IS MST-REC.                                        CEU3
003040     01  MST-REC.                                                   CEU3
003050         02  M-ACT          PICTURE X(5).                          CEU3
003060         02  FILLER         PICTURE X(494).                        CEU3
003070         02  M-AST          PICTURE X.                             CEU3
003080 FD  MST-OUTFILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD     CEU3
003100     BLOCK CONTAINS 6 RECORDS RECORD CONTAINS 500 CHARACTERS        CEU3
003110     DATA RECORD IS MOUT-REC.                                       CEU3
003120     01  MOUT-REC.                                                  CEU3
003130         02  M-OACT         PICTURE X(5).                          CEU3
003140         02  FILLER         PICTURE X(494).                        CEU3
003150         02  M-OAST         PICTURE X.                             CEU3
004010 FD  DAILY-TAPE RECORDING MODE IS F LABEL RECORDS ARE STANDARD      CEU3
004020     BLOCK CONTAINS 6 RECORDS RECORD CONTAINS 500 CHARACTERS        CEU3
004030     DATA RECORD IS DA-REC.                                         CEU3
004040     01  DA-REC.                                                    CEU3
004050         02  DA-ACT         PICTURE X(5).                          CEU3
004060         02  FILLER         PICTURE X(494).                        CEU3
004070         02  DA-AST         PICTURE X.                             CEU3
004090 FD  REI-TAPE RECORDING MODE IS F  LABEL RECORDS ARE STANDARD       CEU3
004100     BLOCK CONTAINS 6 RECORDS RECORD CONTAINS 500 CHARACTERS        CEU3
004110     DATA RECORD IS REI-REC.                                        CEU3
004120     01  REI-REC.                                                   CEU3
004130         02  REI-ACT        PICTURE X(5).                          CEU3
004140         02  FILLER         PICTURE X(494).                        CEU3
004150         02  REI-AST        PICTURE X.                             CEU3
005090 FD  TAPE-FILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD       CEU3
005100     BLOCK CONTAINS 6 RECORDS RECORD CONTAINS 500 CHARACTERS        CEU3
005110     DATA RECORD IS TAPE-REC.                                       CEU3
005120     01  TAPE-REC.                                                  CEU3
005130         02  TA-ACT         PICTURE X(5).                          CEU3
005140         02  FILLER         PICTURE X(494).                        CEU3
005150         02  TA-AST         PICTURE X.                             CEU3
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006010 WORKING-STORAGE SECTION.                                         CEU3
006030     01  SAV-KEY  PICTURE X(5) VALUE LOW-VALUE.                   CEU3
006040     01  SAV-KEYA PICTURE X(5) VALUE LOW-VALUE.                   CEU3
006060     01  CONTROL-CARD.                                            CEU3
006070         02  CTL-OPT      PICTURE  XXX.                           CEU3
006080         02  FILLER       PICTURE  X(77).                         CEU3
006100     01  CTRS COMPUTATIONAL-3.                                    CEU3
006110         02  BLK      PICTURE S9S   VALUE +6.                     CEU3
006120         02  IN-CTR   PICTURE S9(5) VALUE +0.                     CEU3
006130         02  OUT-CTR  PICTURE S9(5) VALUE +0.                     CEU3
006140         02  DA-CTR   PICTURE S9(5) VALUE +0.                     CEU3
006145         02  DEL-CTR      PICTURE S9(5) VALUE +0.                 CEU3
006150     01  ED-CTR PICTURE ZZZZZZ.                                   CEU3
006170 PROCEDURE DIVISION.                                              CEU3
006180     ACCEPT CONTROL-CARD.                                        CEU3
006190     IF CTL-OPT = '#C2' GO TO C1.                                CEU3
006200     OPEN INPUT MST-FILE.                                        CEU3
006270     OPEN OUTPUT DAILY-TAPE, RET-TAPE, TAPE-FILE.                CEU3
006290 A1.                                                             CEU3
006300     READ MST-FILE AT END GO TO B1.                              CEU3
006302     IF M-AST = '0' ADD +1 TO DEL-CTR GO TO A1.                  CEU3
006310     MOVE MST-REC TO RET-REC, TAPE-REC.                          CEU3
006320     WRITE TAPE-REC.                                             CEU3
006330     WRITE RET-REC.                                              CEU3
006335     IF M-ACT NOT > '89999' ADD +1 TO IN-CTR ADD +1 TO OUT-CTR.  CEU3
006340     IF M-AST NOT = '*' GO TO A1.                                CEU3
006350     MOVE MST-REC TO DA-REC.                                     CEU3
006360     WRITE DA-REC. ADD +1 TO DA-CTR.                             CEU3
006365     SUBTRACT +1 FROM BLK. IF BLK = 0 MOVE +6 TO BLK.            CEU3
006370     GO TO A1.                                                   CEU3
006810 B1.                                                             CEU3
006820     MOVE ALL '9' TO DA-REC.                                     CEU3
006830     WRITE DA-REC.                                               CEU3
006840     SUBTRACT +1 FROM BLK.                                       CEU3
006850     IF BLK > 0 GO TO B1.                                        CEU3
006860     PERFORM E2 THRU E2.                                         CEU3
006870     CLOSE MST-FILE.                                             CEU3
006880     CLOSE DAILY-TAPE WITH LOCK.                                 CEU3
006890     CLOSE RET-TAPE WITH LOCK.                                   CEU3
006900     CLOSE TAPE-FILE WITH LOCK.                                  CEU3
006910     DISPLAY 'ACTIVITY FILE COPIED' UPON CONSOLE.                CEU3
006920     DISPLAY 'READY TAPE DRIVE 181' UPON CONSOLE.                CEU3
006940     DISPLAY 'IF TAPE CANNOT BE READ RELOAD PROGRAM' UPON CONSOLE.CEU3
006950     DISPLAY 'WITH OPTION #C2 PROGRAM CONTROL CARD' UPON CONSOLE. CEU3
006960     DISPLAY 'AND TAPE CREATED ON DRIVE 182 AS INPUT'            CEU3
006970     UPON CONSOLE.                                               CEU3
006980 C1.                                                             CEU3
006990     IF  CTL-OPT = '#01' OPEN INPUT TAPE-FILE  GO TO D1.         CEU3
007000     OPEN INPUT RET-TAPE.                                        CEU3
007040 D1.                                                             CEU3
007050     OPEN OUTPUT MST-OUTFILE.                                    CEU3
007070 A2.                                                             CEU3
007080     IF  CTL-OPT = '#C2'  GO TO B2.                              CEU3
007090     READ TAPE-FILE AT END  GO TO E2.                            CEU3
007100     IF  TA-ACT = ALL '9' GO TO A2.                              CEU3
007110     MOVE TAPE-REC  TO MST-REC. GO TO C2.                        CEU3
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009120 B2.                                                      CEU3
009130     READ REI-TAPE AT END GO TO B2.                       CEU3
009135     IF REI-REC = ALL '9' GO TO B2.                       CEU3
009140     MOVE REI-REC TO MULT-REC.                            CEU3
009150 C2.                                                      CEU3
009155      MOVE ' ' TO M-DAST.                                 CEU3
009160     WRITE MULT-REC,  INVALID KEY      LAY               CEU3
009170     'INVALID KEY - REORGANIZE ACT MASTER' UPON CONSOLE.  CEU3
009180     GO TO A2.                                            CEU3
010010 D2.                                                      CEU3
010020     IF CTL-OPT = '*01' CLOSE TAPE-FILE WITH LOCK.        CEU3
010030     IF CTL-OPT = '*02' CLOSE REI-TAPE WITH LOCK.         CEU3
010040     CLOSE  MST-OUTFILE.                                  CEU3
010045     STOP RUN.                                            CEU3
010060 E2.                                                      CEU3
010063     MOVE IN-CTR TO ED-CTR.                               CEU3
010065     DISPLAY 'CEU-3 FINAL TOTALS'.                        CEU3
010070     DISPLAY 'TOTAL INPUT DISK RECORDS ' ED-CTR UPON CONSOLE.  CEU3
010075     DISPLAY 'TOTAL INPUT DISK RECORDS ' ED-CTR.          CEU3
010090     MOVE OUT-CTR TO ED-CTR.                              CEU3
010100     DISPLAY 'TOTAL OUTPUT DISK/TAPE RECORDS' ED-CTR UPON CONSOLE.CEU3
010105     DISPLAY 'TOTAL OUTPUT DISK/TAPE RECORDS' ED-CTR.     CEU3
010106     MOVE DEL-CTR TO ED-CTR.                              CEU3
010107     DISPLAY 'TOTAL DELETED DISK RECORDS    ' ED-CTR.     CEU3
010108     DISPLAY 'TOTAL DELETED DISK RECORDS    ' ED-CTR UPON CONSOLE. CEU3
010110     MOVE DA-CTR TO ED-CTR.                               CEU3
010120     DISPLAY 'TOTAL DAILY* DISK RECORDS ' ED-CTR UPON CONSOLE.  CEU3
010125     DISPLAY 'TOTAL DAILY* DISK RECORDS ' ED-CTR.         CEU3
010126     IF DA-CTR NOT = 0 GO TO F2.                          CEU3
010127     DISPLAY ' ' UPON CONSOLE.                            CEU3
010128     DISPLAY 'COMPUTER OPERATOR-NO ACTIVITY ON CEU SYSTEM TODAY'  CEU3
010129     UPON CONSOLE.                                        CEU3
010130     DISPLAY 'RESTORE DISK WHEN TAPES UNLOAD' UPON CONSOLE.  CEU3
010140     DISPLAY ' ' UPON CONSOLE.                            CEU3
010150 F2.                                                      CEU3
010160     EXIT.                                                CEU3
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001010 IDENTIFICATION DIVISION.                                          CEU4
001020 PROGRAM-ID. 'CEU4'.                                               CEU4
001030 AUTHOR. HARRY MCCLIGEN CEU-SE MCLEAN.                             CEU4
001040 REMARKS. REORGANIZE CEL STUDENT MASTER ARE CREATE                  CEU4
001050          CEU DAILY STUDENT TAPE FILE.                             CEU4
001060 ENVIRONMENT DIVISION.                                             CEU4
001070 INPUT-OUTPUT SECTION.                                             CEU4
001080 FILE-CONTROL.                                                     CEU4
001090     SELECT MST-FILE ASSIGN TO 'SYS093' DIRECT-ACCESS 2314 UNIT    CEU4
001100     ACCESS IS SEQUENTIAL ORGANIZATION IS INDEXED                  CEU4
001110     RESERVE NO ALTERNATE AREAS RECORD KEY IS MST-FID              CEU4
001120     SYMBOLIC KEY IS SYM-KEY.                                      CEU4
001130     SELECT MST-OUTFILE ASSIGN TO 'SYS092' DIRECT-ACCESS 2314      CEU4
001140     UNIT ACCESS IS SEQUENTIAL ORGANIZATION IS INDEXED             CEU4
001150     RESERVE NO ALTERNATE AREAS RECORD KEY IS MST-OFID.            CEU4
001160     SELECT BK-FILE ASSIGN TO 'SYS006' UTILITY 2400 UNITS.         CEU4
001170     SELECT BK1-FILE  ASSIGN TO 'SYS007' UTILITY 2400 UNITS.       CEU4
001180     SELECT DAILY-FILE ASSIGN TO 'SYS008' UTILITY 2400 UNITS.      CEU4
001190 DATA DIVISION.                                                    CEU4
001200 FILE SECTION.                                                     CEU4
002010 FD  MST-FILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD       CEU4
002020     BLOCK CONTAINS 5 RECORDS RECORD CONTAINS 400 CHARACTERS       CEU4
002030     DATA RECORD IS MST-REC.                                       CEU4
002040         01  MST-REC.                                              CEU4
002042             02  MST-FID.                                          CEU4
002050                 03  MST-FID1     PICTURE X(9).                    CEU4
002060                 03  MST-SEQ      PICTURE XX.                      CEU4
002070             02  MST-LNAME    PICTURE X(16).                       CEU4
002072             02  MST-LNA REDEFINES MST-LNAME.                      CEU4
002074                 03  MST-LAST PICTURE X OCCURS 16 TIMES.           CEU4
002080             02  FILLER       PICTURE X.                           CEU4
002090             02  MST-FNAME    PICTURE X(13).                       CEU4
002092             02  MST-FNA REDEFINES MST-FNAME.                      CEU4
002094                 03  MST-FIRST PICTURE X OCCURS 13 TIMES.          CEU4
002100             02  MST-NAME     PICTURE X(30).                       CEU4
002110             02  MST-NAM1  REDEFINES MST-NAME.                     CEU4
002120                 03  MST-NAM2 PICTURE X OCCURS 30 TIMES.           CEU4
002130             02  FILLER       PICTURE X(138).                      CEU4
002140             02  MST-ACT      PICTURE X(6) OCCURS 30 TIMES.        CEU4
002150             02  FILLER       PICTURE X.                           CEU4
002160             02  MST-ACTA     PICTURE X(6).                        CEU4
002170             02  FILLER       PICTURE XXX.                         CEU4
002180             02  MST-AST      PICTURE X.                           CEU4
003010 FD  MST-OUTFILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD     CEU4
003020     BLOCK CONTAINS 5 RECORDS RECORD CONTAINS 400 CHARACTERS       CEU4
003030     DATA RECORD IS MST-OREC.                                      CEU4
003040         01  MST-OREC.                                             CEU4
003050             02  FILLER  PICTURE X(400).                           CEU4
003070 FD  BK-FILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD         CEU4
003100     BLOCK CONTAINS 5 RECORDS RECORD CONTAINS 400 CHARACTERS       CEU4
003110     DATA RECORD IS BK-REC.                                        CEU4
003120         01  BK-REC.                                               CEU4
003125             02  MST-OFID  PICTURE X(11).                          CEU4
003130             02  FILLER  PICTURE X(389).                           CEU4
004010 FD  BK1-FILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD        CEU4
004020     BLOCK CONTAINS 5 RECORDS RECORD CONTAINS 400 CHARACTERS       CEU4
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004030     DATA RECORD IS  BK1-REC.                                        CEU4
004040         01  BK1-REC.                                                CEU4
004050             02  FILLER  PICTURE X(400).                             CEU4
004060 FD  DAILY-FILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD        CEU4
004070     BLOCK CONTAINS 5 RECORDS RECORD CONTAINS 400 CHARACTERS          CEU4
004080     DATA RECORD IS DA-REC.                                           CEU4
004090         01  DA-REC.                                                 CEU4
004100             02  FILLER  PICTURE X(400).                             CEU4
005010 WORKING-STORAGE SECTION.                                           CEU4
005015     01  SYM-KEY  PICTURE X(11) VALUE LOW-VALUE.                      CEU4
005030     01  CONTROL-CARD.                                               CEU4
005040         02  CTL-OPT     PICTURE XXX.                                CEU4
005050         02  FILLER      PICTURE X(77).                              CEU4
005070     01  COUNTERS COMPUTATIONAL-3.                                   CEU4
005080         02  BLK     PICTURE S99 VALUE +5.                           CEU4
005090         02  IN-CTR  PICTURE S9(5)  VALUE +0.                        CEU4
005100         02  OT-CTR  PICTURE S9(5)  VALUE +0.                        CEU4
005110         02  DA-CTR  PICTURE S9(5)  VALUE +0.                        CEU4
005120         02  DEL-CTR     PICTURE S9(5) VALUE +0.                     CEU4
005130     01  ED-CTR      PICTURE ZZZZZ.                                  CEU4
006010     01  ST-MSTR.                                                    CEU4
006020         02  FILLER  PICTURE X(41).                                  CEU4
006030         02  ST-ACT  PICTURE X(6) OCCURS 58 TIMES.                   CEU4
006040         02  FILLER  PICTURE X(11).                                  CEU4
006060     01  J   PICTURE S9(4)   VALUE +0  COMPUTATIONAL.                CEU4
006070     01  K   PICTURE S9(4)   VALUE +0  COMPUTATIONAL.                CEU4
007010 PROCEDURE DIVISION.                                                CEU4
007030     ACCEPT CONTROL-CARD.                                             CEU4
007040     IF CTL-OPT = 'NO2'  GO TO A4.                                    CEU4
007060     OPEN INPUT MST-FILE.                                             CEU4
007070     OPEN OUTPUT BK-FILE, BK1-FILE, DAILY-FILE.                       CEU4
007080 A1.                                                                CEU4
007090     READ MST-FILE  AT END GO TO B3.                                  CEU4
007093     IF MST-FIO1 NOT = ALL '9'                                        CEU4
007095     ADD +1 TO  IN-CTR.                                               CEU4
007095     IF MST-AST = '0' ADD +1 TO DEL-CTR GO TO A1.                     CEU4
007100     IF  MST-AST NOT =  '*'  GO TO A3.                                CEU4
007110     IF  MST-SEQ  NOT = 'C1' GO TO C2.                                CEU4
007120     MOVE ' '  TO  MST-AST.                                           CEU4
007130     MOVE SPACES TO MST-NAME.                                         CEU4
007140 B1.                                                                CEU4
007150     MOVE MST-FNAME TO MST-NAME.                                      CEU4
007160     MOVE +0 TO J, K.                                                 CEU4
008010 C1.                                                                CEU4
008020     ADD +1 TO J. IF MST-NAM2 (J) NOT = ' ' GO TO C1.                 CEU4
008030     MOVE J TO K.  ADD +1 TO K.                                       CEU4
008040     IF MST-NAM2 (K) NOT = ' ' GO TO C1.                              CEU4
008050     MOVE +0 TO K.                                                    CEU4
008060 D1.                                                                CEU4
008070     ADD +1 TO K. IF K >  +16 GO TO A2. ADD +1 TO J.                  CEU4
008080     MOVE MST-LAST (K) TO MST-NAM2 (J).                               CEU4
008090     GO TO D1.                                                        CEU4
008100 A2.                                                                CEU4
008110     MOVE +0 TO J, K.                                                 CEU4
008130 B2.                                                                CEU4
008140     ADD +1 TO J.                                                     CEU4
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008150      IF MST-ACT (J) NOT = SPACES GO TO B2.                          CEU4
008160      SUBTRACT +1 FROM J.                                            CEU4
008170      MOVE MST-ACT (J) TO MST-ACTA.                                  CEU4
008180      GO TO B2.                                                      CEU4
009010 C2.                                                                 CEU4
009015      MOVE ' ' TO MST-AST.                                           CEU4
009020      MOVE MST-REC TO ST-MSTR.                                       CEU4
009030      MOVE +0 TO J.                                                  CEU4
009040 C2.                                                                 CEU4
009050      ADD +1 TO J.                                                   CEU4
009060      IF  ST-ACT (J) NOT =  SPACES GO TO D2.                         CEU4
009070      SUBTRACT +1 FROM J.                                            CEU4
009080      MOVE ST-ACT (J) TO MST-ACTA.                                   CEU4
009090 E2.                                                                 CEU4
009100      MOVE MST-REC TO DA-REC.                                        CEU4
009110      WRITE DA-REC.                                                  CEU4
009120      SUBTRACT +1 FROM BLK. IF BLK = +0 MOVE +5 TO BLK.              CEU4
009130      ADD +1 TO DA-CTR.                                              CEU4
009140 A3.                                                                 CEU4
009150      MOVE MST-REC TO BK-REC, BK1-REC.                               CEU4
009160      WRITE BK-REC.                                                  CEU4
009165      IF MST-FICI NOT = ALL '9' ADD +1 TO CT-CTR.                    CEU4
009170      WRITE BK1-REC.                                                 CEU4
009180      GO TO A1.                                                      CEU4
010010 B3.                                                                 CEU4
010020      MOVE ALL '9' TO DA-REC. WRITE DA-REC.                          CEU4
010030      SUBTRACT +1 FROM BLK. IF BLK = +0 GO TO C3.                    CEU4
010040 C3.                                                                 CEU4
010045      PERFORM E4 THRU C4.                                            CEU4
010050      CLOSE MST-FILE.                                                CEU4
010060      CLOSE BK-FILE WITH LOCK.                                       CEU4
010070      CLOSE BK1-FILE WITH LOCK.                                      CEU4
010080      CLOSE DAILY-FILE WITH LOCK.                                    CEU4
010090      DISPLAY 'STUDENT MASTER FILE COPIED' UPON CONSOLE.             CEU4
010100      DISPLAY 'READY TAPE DRIVE 181' UPON CONSOLE.                   CEU4
010110      DISPLAY 'IF TAPE CANNOT BE READ RELOAD PROGRAM' UPON CONSOLE.  CEU4
010120      DISPLAY 'WITH OPTION #C2 PROGRAM CONTROL CARD' UPON CONSOLE.   CEU4
010130      DISPLAY 'AND TAPE CREATED ON DRIVE 182 AS INPUT'               CEU4
010140      UPON CONSOLE.                                                  CEU4
011010 A4.                                                                 CEU4
011020      IF CTL-OPT = '#01' OPEN INPUT BK-FILE,  GO TO B4.              CEU4
011030      OPEN INPUT BK1-FILE.                                           CEU4
011040 B4.                                                                 CEU4
011050      OPEN OUTPUT MST-OUTFILE                                        CEU4
011070      IF CTL-OPT = '#02' GO TO D4.                                   CEU4
011075 C4.                                                                 CEU4
011080      READ BK-FILE AT END CLOSE  BK-FILE WITH LOCK, GO TO E4.        CEU4
011090      MOVE  BK-REC TO  MST-OREC.                                     CEU4
011100      WRITE MST-OREC. GO TO C4.                                      CEU4
011110 D4.                                                                 CEU4
011120      READ BK1-FILE AT END CLOSE BK1-FILE WITH LOCK, GO TO E4.       CEU4
011130      MOVE BK1-REC TO MST-OREC.                                      CEU4
011140      WRITE MST-OREC. GO TO D4.                                      CEU4
011150 E4.                                                                 CEU4
011160      CLOSE MST-OUTFILE.                                             CEU4
011170      STOP RUN.                                                      CEU4
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011180 E4.                                                              CEU4
012010     MOVE IN-CTR TO ED-CTR.                                       CEU4
012015     DISPLAY 'CEL-4 TOTALS'.                                      CEU4
012020     DISPLAY 'TOTAL INPUT DISK RECORDS ' ED-CTR UPON CONSOLE.     CEU4
012022     DISPLAY 'TOTAL INPUT DISK RECORDS ' ED-CTR.                  CEU4
012030     MOVE OT-CTR TO ED-CTR.                                       CEU4
012040     DISPLAY 'TOTAL OUTPUT TAPE RECORDS ' ED-CTR UPON CONSOLE.    CEU4
012045     DISPLAY 'TOTAL OUTPUT TAPE RECORDS ' ED-CTR.                 CEU4
012050     MOVE DA-CTR TO ED-CTR.                                       CEU4
012060     DISPLAY 'TOTAL DAILY DISK RECORDS ' ED-CTR.                  CEU4
012065     DISPLAY 'TOTAL DAILY DISK RECORDS ' ED-CTR UPON CONSOLE.     CEU4
012066     MOVE DEL-CTR TO ED-CTR.                                      CEU4
012067     DISPLAY 'TOTAL DELETED DISK RECORDS ' ED-CTR.                CEU4
012068     DISPLAY 'TOTAL DELETED DISK RECORDS ' ED-CTR UPON CONSOLE.   CEU4
012070 G4.                                                              CEU4
012080     EXIT.                                                        CEU4
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001010 IDENTIFICATION DIVISION.                                          CEU6A
001020 PROGRAM-ID. 'CEU6A'.                                              CEU6A
001030 AUTHOR. BARRY BOETTGER & LARS HELSH.                               CEU6A
001040 REMARKS. CREATE ACCU SILICAT RECORD FILE BY ACTIVITY.              CEU6A
001050 ENVIRONMENT DIVISION.                                              CEU6A
001060 INPUT-OUTPUT SECTION.                                              CEU6A
001070 FILE-CONTROL.                                                      CEU6A
001080     SELECT ACCU-FILE ASSIGN TO 'SYSOC6' UTILITY 2400 UNITS.        CEU6A
001090     SELECT STU-FILE  ASSIGN TO 'SYSOC7' UTILITY 2400 UNITS.        CEU6A
001100     SELECT DAILY-FILE ASSIGN TO 'SYSOC8' UTILITY 2400 UNITS.       CEU6A
001110     SELECT ACCU-SFILE ASSIGN TO 'SYSOC9' UTILITY 2400 UNITS.       CEU6A
001120 DATA DIVISION.                                                    CEU6A
001130 FILE SECTION.                                                     CEU6A
002010 FD  ACCU-FILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD      CEU6A
002020     BLOCK CONTAINS 5  RECORDS RECORD CONTAINS 425 CHARACTERS      CEU6A
002030     DATA RECORD IS AC-REC.                                        CEU6A
002040         01  AC-REC.                                               CEU6A
002050             02  AC-AREA.                                          CEU6A
002060                 03  AC-FID       PICTURE X(9).                    CEU6A
002070                 03  AC-RCODE     PICTURE XX.                      CEU6A
002080                 03  AC-NAME      PICTURE X(16).                   CEU6A
002090                 03  FILLER       PICTURE X(182).                  CEU6A
002100             02  FILLER           PICTURE X(181).                  CEU6A
002110             02  AC-ACTCODE       PICTURE X(5).                    CEU6A
002120             02  AC-N             PICTURE X.                       CEU6A
002130             02  AC-CYCTR         PICTURE 99.                      CEU6A
002140             02  FILLER           PICTURE X(27).                   CEU6A
003010 FD  STU-FILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD        CEU6A
003020     BLOCK CONTAINS 5  RECORDS RECORD CONTAINS 400 CHARACTERS      CEU6A
003030     DATA RECORD IS STU-REC.                                       CEU6A
003040         01  STU-REC.                                              CEU6A
003050             02  STU-AREA.                                         CEU6A
003060                 03  STU-FID      PICTURE X(9).                    CEU6A
003070                 03  STU-RC       PICTURE XX.                      CEU6A
003080                 03  STU-NAME     PICTURE X(16).                   CEU6A
003090                 03  FILLER       PICTURE X(182).                  CEU6A
003100             02  FILLER           PICTURE X(181).                  CEU6A
003110             02  STU-ACTCODE      PICTURE X(5).                    CEU6A
003120             02  STU-N            PICTURE X.                       CEU6A
003130             02  STU-CYCTR        PICTURE XX.                      CEU6A
003140             02  FILLER           PICTURE XX.                      CEU6A
004010 FD  DAILY-FILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD      CEU6A
004020     BLOCK CONTAINS 10 RECORDS RECORD CONTAINS 250 CHARACTERS      CEU6A
004030     DATA RECORD IS DA-REC.                                        CEU6A
004040             01  DA-REC.                                           CEU6A
004050                 02  DA-REC1      PICTURE X(209).                  CEU6A
004060                 02  DA-ACTCODE   PICTURE X(5).                    CEU6A
004065                 02  DA-N         PICTURE X.                       CEU6A
004070                 02  FILLER       PICTURE X(35).                   CEU6A
004080 FD  ACCU-SFILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD      CEU6A
004100     BLOCK CONTAINS 5  RECORDS RECORD CONTAINS 425 CHARACTERS      CEU6A
004110     DATA RECORD IS ACS-REC.                                       CEU6A
004120         01  ACS-REC.                                              CEU6A
004130             02  FILLER  PICTURE X(425).                           CEU6A
005010 WORKING-STORAGE SECTION.                                          CEU6A
005030     01  SEQ1.                                                     CEU6A
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005040          02  SEQA       PICTURE X(5).                          CEU6A
005050          02  SEQB       PICTURE X(16).                         CEU6A
005060      01  SEQ2           PICTURE X(21) VALUE SPACES.            CEU6A
005070      01  SEQ3.                                                 CEU6A
005080          02  SEQC       PICTURE X(5).                          CEU6A
005090          02  SEQD       PICTURE X(16).                         CEU6A
005110      01  SEQ4           PICTURE X(21) VALUE SPACES.            CEU6A
005130      01  ST-CTR         PICTURE 99.                            CEU6A
005140      01  ST-ACTCODE     PICTURE X(5).                          CEU6A
005150      01  ACFLX          PICTURE S99 VALUE +5 COMPUTATIONAL-3.  CEU6A
005160      01  CABLX          PICTURE S99 VALUE +10 COMPUTATIONAL-3. CEU6A
005010 PROCEDURE DIVISION.                                           CEU6A
006020      OPEN INPUT ACCU-FILE, STU-FILE.                         CEU6A
006030      OPEN OUTPUT DAILY-FILE, ACCU-FILE.                      CEU6A
006040      MOVE SPACES TO DA-REC.                                  CEU6A
006050 A1.                                                          CEU6A
006060      READ ACCU-FILE AT END DISPLAY                           CEU6A
006070       'EOF REACHED IN ERROR ON DRIVE 381' UPON CONSOLE,      CEU6A
006080      STOP RUN.                                               CEU6A
006090      MOVE AC-ACTCODE TO SEQA.                                CEU6A
006100      MOVE AC-NAME TO SEQB.                                   CEU6A
006110      IF SEQ1 > SEQ2 MOVE SEQ1 TO SEQ2 GO TO B1.              CEU6A
006120      IF SEQ1 = SEQ2 GO TO B1.                                CEU6A
006130      DISPLAY 'TAPE ON DRIVE 381 IS OUT IN SEQUENCE' UPON CONSOLE. CEU6A
006140      DISPLAY SEQ2 ' ' SEQ1 UPON CONSOLE, STOP RUN.           CEU6A
006150 B1.                                                          CEU6A
006160      EXIT.                                                   CEU6A
007010 C1.                                                          CEU6A
007020      READ STU-FILE AT END DISPLAY                            CEU6A
007030      'EOF REACHED IN ERROR ON DRIVE 382' UPON CONSOLE, STOP RUN. CEU6A
007035      IF STU-KC = '99' GO TO D1.                              CEU6A
007038      IF STU-C > '01' GO TO C1.                               CEU6A
007040      MOVE STU-ACTCODE TO SEQC.                               CEU6A
007050      MOVE STU-NAME TO SEQD.                                  CEU6A
007060      IF SEQ3 > SEQ4 MOVE SEQ3 TO SEQ4 GO TO D1.              CEU6A
007070      IF SEQ3 = SEQ4 GO TO D1.                                CEU6A
007080      DISPLAY 'TAPE DRIVE 382 NOT IN SEQUENCE' UPON CONSOLE.  CEU6A
007090      DISPLAY SEQ4 ' ' SEQ3 UPON CONSOLE, STOP RUN.           CEU6A
007100 D1.                                                          CEU6A
007110      EXIT.                                                   CEU6A
008010 A2.                                                          CEU6A
008020      IF  STU-ACTCODE > AC-ACTCODE  GO TO A3.                 CEU6A
008030      IF  STU-ACTCODE < AC-ACTCODE  GO TO B3.                 CEU6A
008040      IF  STU-ACTCODE = ALL '9' GO TO A4.                     CEU6A
008060      MOVE AC-ACTCODE TO ST-ACTCODE.                          CEU6A
008070      MOVE AC-CYCTR TO ST-CTR.                                CEU6A
008080      ADD 1 TO ST-CTR.                                        CEU6A
008090 B2.                                                          CEU6A
008100      IF  STU-NAME >  AC-NAME GO TO C2.                       CEU6A
008105 B2A.                                                         CEU6A
008110      MOVE STU-AREA TO DA-REC1.                               CEU6A
008120      MOVE STU-ACTCODE TO DA-ACTCODE.                         CEU6A
008130      MOVE STU-N TO DA-N.                                     CEU6A
008140      PERFORM C3 THRU D3.                                     CEU6A
008150      IF AC-CYCTR = 15 GO TO A2B.                             CEU6A
008160      MOVE ST-CTR TO STU-CYCTR.                               CEU6A
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008170      MOVE STU-REC TO ACS-REC.                                        CEU6A
008180      PERFORM C3 THRU F3.                                             CEU6A
008190 B2B.                                                                 CEU6A
009010      PERFORM C1 THRU D1.                                             CEU6A
009020      IF STU-ACTCODE = ST-ACTCODE GO TO B2.                           CEU6A
009025 C2.                                                                  CEU6A
009030      IF AC-ACTCODE NOT = ST-ACTCODE GO TO A2.                        CEU6A
009050      MOVE AC-AREA TO DA-REC1.                                        CEU6A
009060      MOVE AC-ACTCODE TO DA-ACTCODE.                                  CEU6A
009070      MOVE AC-N TO DA-N.                                              CEU6A
009080      PERFORM C3 THRU D3.                                             CEU6A
009090      IF AC-CYCTR = 15 GO TO D2.                                      CEU6A
009100      MOVE ST-CTR TO AC-CYCTR.                                        CEU6A
009110      MOVE AC-REC TO ACS-REC.                                         CEU6A
009120      PERFORM E3 THRU F3.                                             CEU6A
009125 D2.                                                                  CEU6A
009130      PERFORM A1 THRU B1.                                             CEU6A
009140      IF STU-ACTCODE  = ST-ACTCODE AND AC-ACTCODE = ST-ACTCODE        CEU6A
009150      GO TO B2.                                                       CEU6A
009160      IF STU-ACTCODE = ST-ACTCODE GO TO B2A.                          CEU6A
009170      GO TO C2.                                                       CEU6A
010010 A3.                                                                  CEU6A
010020      IF AC-CYCTR = 15  PERFORM A1 THRU B1 GO TO A2.                  CEU6A
010030      ADD 1 TO AC-CYCTR.                                              CEU6A
010040      MOVE AC-REC TO ACS-REC.                                         CEU6A
010050      PERFORM E3 THRU F3.                                             CEU6A
010060      PERFORM A1 THRU B1.                                             CEU6A
010070      GO TO A2.                                                       CEU6A
010080 B3.                                                                  CEU6A
010100      MOVE STU-AREA TO DA-REC1.                                       CEU6A
010110      MOVE STU-ACTCODE TO DA-ACTCODE.                                 CEU6A
010120      MOVE STU-N TO DA-N.                                             CEU6A
010130      PERFORM C3 THRU D3.                                             CEU6A
010140      MOVE 01 TO STU-CYCTR.                                           CEU6A
010150      MOVE STU-REC TO ACS-REC.                                        CEU6A
010160      PERFORM E3 THRU F3.                                             CEU6A
010170      PERFORM C1 THRU D1.                                             CEU6A
010180      GO TO A2.                                                       CEU6A
011010 C3.                                                                  CEU6A
011020      WRITE DA-REC.                                                   CEU6A
011030      MOVE SPACES TO DA-REC.                                          CEU6A
011040      SUBTRACT +1 FROM DABLK.                                         CEU6A
011050      IF DABLK = +0 MOVE +10 TO DABLK.                                CEU6A
011060 D3.                                                                  CEU6A
011070      EXIT.                                                           CEU6A
011080 E3.                                                                  CEU6A
011100      WRITE ACS-REC.                                                  CEU6A
011110      SUBTRACT +1 FROM ACBLK.                                         CEU6A
011120      IF ACBLK = +0 MOVE +5 TO ACBLK.                                 CEU6A
011130 F3.                                                                  CEU6A
011140      EXIT.                                                           CEU6A
012010 A4.                                                                  CEU6A
012020      READ ACCL-FILE AT END GO TO B4.                                 CEU6A
012030      GO TO A4.                                                       CEU6A
012040 B4.                                                                  CEU6A
012050      READ STU-FILE AT END GO TO C4.                                  CEU6A
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012060          GO TO B4.
012070 C4.
012080          MOVE ALL '9' TO DA-REC.
012090          WRITE DA-REC.
012100          SUBTRACT +1 FROM DAPLK.
012110          IF DAPLK > +0 GO TO C4.
012120 D4.
012130          MOVE ALL '9' TO ACS-REC.
012140          WRITE ACS-REC.
012150          SUBTRACT +1 FROM ACPLK.
012160          IF ACPLK > +0 GO TO D4.
012170          CLOSE ACCL-FILE WITH LOCK.
012180          CLOSE STL-FILE WITH LOCK.
012190          CLOSE DAILY-FILE WITH LOCK.
012200          CLOSE ACCU-FILE WITH LOCK.
012300          STOP RUN.
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001010 IDENTIFICATION DIVISION.                                          CEU7
001020 PROGRAM-ID. 'CEU7'.                                               CEU7
001030 AUTHOR. HARRY KURTTGEN GEORGE HEUER.                              CEU7
001040 REMARKS PREPARE DAILY CEU STUDENT POSTER.                          CEU7
001050 ENVIRONMENT DIVISION.                                             CEU7
001060 INPUT-OUTPUT SECTION.                                             CEU7
001070 FILE-CONTROL.                                                     CEU7
001080     SELECT STU-FILE ASSIGN TO 'SYS006' UTILITY 2400 UNIT.         CEU7
001090     SELECT CEU-FILE ASSIGN TO 'SYS007' UTILITY 2400 UNIT.         CEU7
001100     SELECT PRINT-FILE ASSIGN TO 'SYS008' UTILITY 2400 UNIT.       CEU7
001110     SELECT PRINTER ASSIGN TO 'SYS012' UNIT-RECORD 1403 UNIT.      CEU7
001120 DATA DIVISION.                                                    CEU7
001130 FILE SECTION.                                                     CEU7
002010 FD  STU-FILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD       CEU7
002020     BLOCK CONTAINS 10 RECORDS RECORD CONTAINS 250 CHARACTERS      CEU7
002030     DATA RECORD IS STU-REC.                                       CEU7
002040     01  STU-REC.                                                  CEU7
002050         02  STU-FID1     PICTURE XXX.                             CEU7
002060         02  STU-FID2     PICTURE XX.                              CEU7
002070         02  STU-FID3     PICTURE XXXX.                            CEU7
002080         02  STU-RCODE    PICTURE XX.                              CEU7
002090         02  STU-NAME     PICTURE X(16).                           CEU7
002100         02  FILLER       PICTURE X(14).                           CEU7
002110     02  STU-NAM2         PICTURE X(30).                           CEU7
002120         02  STU-ADDRESS PICTURE X(20) OCCURS 4 TIMES.             CEU7
002125         02  STU-APT      PICTURE X(26).                           CEU7
002130         02  STU-ZIP      PICTURE X(5).                            CEU7
002140         02  STU-ZIPA REDEFINES STU-ZIP PICTURE X OCCURS 5 TIMES.  CEU7
002150         02  FILLER       PICTURE XXX.                             CEU7
002160         02  STU-ACODE    PICTURE X(5).                            CEU7
002170         02  FILLER       PICTURE X(36).                           CEU7
003010 FD  CEU-FILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD        CEU7
003020     BLOCK CONTAINS 6 RECORDS RECORD CONTAINS 500 CHARACTERS       CEU7
003030     DATA RECORD IS CEU-REC.                                       CEU7
003040     01  CEU-REC.                                                  CEU7
003050         02  CEU-ACT      PICTURE X(5).                            CEU7
003060         02  CEU-BMO      PICTURE XX.                              CEU7
003070         02  CEU-BDA      PICTURE XX.                              CEU7
003080         02  CEU-BYR      PICTURE XX.                              CEU7
003090         02  CEU-EMO      PICTURE XX.                              CEU7
003100         02  CEU-EDA      PICTURE XX.                              CEU7
003110         02  CEU-EYR      PICTURE XX.                              CEU7
003120         02  FILLER       PICTURE X(24).                           CEU7
003130         02  CEU-TITLE    PICTURE X(70) OCCURS 2 TIMES.            CEU7
003140         02  FILLER       PICTURE X(319).                          CEU7
004010 FD  PRINTER RECORDING MODE IS F LABEL RECORDS ARE OMITTED          CEU7
004020     DATA RECORD IS PRINT.                                         CEU7
004030     01  PRINT.                                                    CEU7
004040         02  PC1      PICTURE X.                                   CEU7
004050         02  FIL      PICTURE X(132).                              CEU7
005010 FD  PRINT-FILE RECORDING MODE IS F LABEL RECORDS ARE STANDARD      CEU7
005020     BLOCK CONTAINS 10 RECORDS RECORD CONTAINS 133 CHARACTERS      CEU7
005030     DATA RECORD IS PRINT-REC.                                     CEU7
005040     01  PRINT-REC.                                                CEU7
005050         02  FILLER  PICTURE X(133).                               CEU7
006010 WORKING-STORAGE SECTION.                                          CEU7
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006020      01  AC-SEQ  PICTURE X(5) VALUE SPACES.                          CEU7
006030      01  STL-CTR PICTURE S9(4) VALUE +0 COMPUTATIONAL-3.             CEU7
006040      01  STL-SEQ.                                                    CEU7
006050          02  STL-ACS  PICTURE  X(5).                                 CEU7
006060          02  STL-NAS  PICTURE  X(16).                                CEU7
006070          02  STL-CDS  PICTURE XX.                                    CEU7
006080      01  STL-SEQ1 PICTURE X(23) VALUE SPACES.                        CEU7
006090      01  ST-ACT   PICTURE X(5).                                      CEU7
006100      01  PAGE-CTR     PICTURE  S999 VALUE +0 COMPUTATIONAL-3.        CEU7
006110      01  CONTROL-CARD.                                               CEU7
006120          02  CTLA          PICTURE XXX.                              CEU7
006130          02  CTL1          PICTURE X(13).                            CEU7
006140          02  FILLER        PICTURE X(26).                            CEU7
006150          02  CTL-PRINT     PICTURE X.                                CEU7
006160          02  FILLER        PICTURE X(37).                            CEU7
006170      01  LINE-CTR PICTURE  S999 VALUE +0 COMPUTATIONAL-3.            CEU7
006180      01  J         PICTURE  S9(4) VALUE +0  COMPUTATIONAL.           CEU7
006190      01  K         PICTURE  S9(4) VALUE +0  COMPUTATIONAL.           CEU7
006200      01  L         PICTURE  S9(4) VALUE +0  COMPUTATIONAL.           CEU7
007010 01  PR-AREA.                                                        CEU7
007020      02  PR-C     PICTURE X.                                         CEU7
007030      02  FIL      PICTURE X(132) VALUE SPACES.                       CEU7
007040 01  LINE1.                                                          CEU7
007050      02  PC1      PICTURE X VALUE '1'.                               CEU7
007060      02  FIL      PICTURE X(20) VALUE SPACES.                        CEU7
007070      02  FIL      PICTURE X(25) VALUE 'CONTINUING EDUCATION UNIT'.   CEU7
007080      02  FIL      PICTURE X(25) VALUE ' STUDENT ROSTER          '.   CEU7
007090      02  FIL      PICTURE X(6)  VALUE '  PAGE'.                      CEU7
007100      02  PR1-PG   PICTURE ZZZ.                                       CEU7
007110 01  LINE2.                                                          CEU7
007120      02  PC2      PICTURE X VALUE 'C'.                               CEU7
007130      02  FIL      PICTURE X(14) VALUE 'ACTIVITY CODE '.              CEU7
007140      02  PR2-ACT PICTURE X(5).                                       CEU7
007150      02  FIL      PICTURE X(13) VALUE '  BEGIN DATE '.               CEU7
007160      02  PR2-BEG.                                                    CEU7
007170      03  PR2-BMO PICTURE XX.                                         CEU7
007180      03  PR2-D1  PICTURE X.                                          CEU7
007190      03  PR2-BDA PICTURE XX.                                         CEU7
007200      03  PR2-D2  PICTURE X.                                          CEU7
008010      03  PR2-BYR PICTURE XX.                                         CEU7
008020      02  FIL      PICTURE X(11)  VALUE '  END DATE '.               CEU7
008030      02  PR2-END.                                                    CEU7
008040      03  PR2-EMO PICTURE XX.                                         CEU7
008050      03  PR2-D3  PICTURE X.                                          CEU7
008060      03  PR2-EDA PICTURE XX.                                         CEU7
008070      03  PR2-D4  PICTURE X.                                          CEU7
008080      03  PR2-EYR PICTURE XX.                                         CEU7
008090 01  LINE3.                                                          CEU7
008100      02  PC3      PICTURE X  VALUE 'C'.                              CEU7
008110      02  FIL      PICTURE X(15)  VALUE 'ACTIVITY TITLE:'.            CEU7
008120      02  FIL      PICTURE X(65)  VALUE SPACES.                       CEU7
008130 01  LINE4.                                                          CEU7
008140      02  PC4      PICTURE X VALUE ' '.                               CEU7
008150      02  FIL      PICTURE X(5) VALUE SPACES.                         CEU7
008160      02  PR4-TIT PICTURE X(70) VALUE SPACES.                         CEU7
008170 01  LINE4A.                                                         CEU7
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008180     02  PCSA     PICTURE X VALUE ' '.                                 CEU7
008190     02  FIL      PICTURE X(5)  VALUE SPACES.                          CEU7
008200     02  PRSA-ITT PICTURE X(70) VALUE SPACES.                          CEU7
008010 01  LINES.                                                           CEU7
008020     02  PCS      PICTURE X VALUE '0'.                                 CEU7
009030     02  FIL      PICTURE X(19)  VALUE SPACES.                         CEU7
009040     02  FIL      PICTURE X(24)  VALUE 'FED ID NO.   NAME AND AD'.     CEU7
009050     02  FIL      PICTURE X(5)   VALUE 'DRESS'.                        CEU7
009060 01  LINE6.                                                           CEU7
009070     02  PC6      PICTURE X.                                           CEU7
009080     02  FIL      PICTURE X(18).                                       CEU7
009090     02  PR6-FD1 PICTURE XXX.                                          CEU7
009100     02  PR6-D1  PICTURE X.                                            CEU7
009110     02  PR6-FD2 PICTURE XX.                                           CEU7
009120     02  PR6-D2  PICTURE X.                                            CEU7
009130     02  PR6-FD3 PICTURE XXXX.                                         CEU7
009140     02  FIL      PICTURE XXX.                                         CEU7
009150   02  PR6-NAM PICTURE X(32).                                          CEU7
009160     02  FIL      PICTURE X(16).                                       CEU7
009170 01  LINE7.                                                           CEU7
009180     02  PC7      PICTURE X       VALUE '-'.                           CEU7
009190     02  FIL      PICTURE X(18)  VALUE SPACES.                         CEU7
009200     02  FIL      PICTURE X(15)  VALUE 'TOTAL STUDENTS '.              CEU7
010010     02  PR7-CTR PICTURE ZZZZ.                                         CEU7
010020     02  FIL      PICTURE X(43)  VALUE SPACES.                         CEU7
010030 01  ST-AREA.                                                         CEU7
010040     02  ST-NAME PICTURE X(32).                                        CEU7
010050     02  ST-ADD  PICTURE X(32) OCCURS 4 TIMES.                         CEU7
010060 01  ADD-CHECK.                                                       CEU7
010070     02  ADD-CK  PICTURE X(32).                                        CEU7
010080     02  AD  REDEFINES ADD-CK PICTURE X OCCURS 32 TIMES.               CEU7
010085     02  FILLER  PICTURE X(10).                                        CEU7
010090     01  LINEA.                                                       CEU7
010100         02  PCA      PICTURE X      VALUE '1'.                       CEU7
010110         02  FIL      PICTURE X(41) VALUE SPACES.                     CEU7
010120         02  FIL      PICTURE X(21) VALUE 'CONTINUING EDUCATION '.    CEU7
010130         02  FIL      PICTURE X(21) VALUE 'UNIT CLASS ROSTER    '.    CEU7
010140         02  FIL      PICTURE X(37) VALUE SPACES.                     CEU7
010150         02  FIL      PICTURE X(5)  VALUE 'PAGE '.                    CEU7
010160         02  PRA-PC   PICTURE ZZZ.                                    CEU7
010170         02  FIL      PICTURE XXX    VALUE SPACES.                    CEU7
010180     01  LINEB.                                                       CEU7
010190         02  PCB      PICTURE X      VALUE '0'.                       CEU7
010200         02  FIL      PICTURE X(9)  VALUE 'ACTIVITY '.                CEU7
011010         02  PRB-ACT PICTURE X(5).                                    CEU7
011020         02  FIL      PICTURE X(18) VALUE '   ACTIVITY DATES '.       CEU7
011030         02  PRB-REC.                                                 CEU7
011040          03 PRB-BMO PICTURE XX.                                      CEU7
011050          03 PRB-D1  PICTURE X.                                       CEU7
011060          03 PRB-BDA PICTURE XX.                                      CEU7
011070          03 PRB-D2  PICTURE X.                                       CEU7
011080          03 PRB-BYR PICTURE XX.                                      CEU7
011090        02  PRB-BAS PICTURE XXX.                                      CEU7
011100        02  PRB-END.                                                 CEU7
011110           03  PRB-EMO PICTURE XX.                                    CEU7
011120           03  PRB-BD3 PICTURE X.                                     CEU7
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011130            03  PRR-FDA PICTURE XX.                                    CEU7
011140            03  PRR-ED  PICTURE X.                                     CEU7
011150            03  PRR-EYR PICTURE XX.                                    CEU7
011160        02  FILLER      PICTURE X(81)  VALUE SPACES.                   CEU7
011170    01  LINE1.                                                         CEU7
011180        02  PCC         PICTURE X.                                     CEU7
011190        02  PRC-ACT     PICTURE X(16).                                 CEU7
011200        02  PRC-TITLE   PICTURE X(70).                                 CEU7
012010        02  FILLER      PICTURE X(46).                                 CEU7
012020    01  LINE2.                                                         CEU7
012030        02  PCD         PICTURE X.                                     CEU7
012040        02  FILLER      PICTURE X(16).                                 CEU7
012050        02  PRD-TITLE   PICTURE X(70).                                 CEU7
012060        02  FILLER      PICTURE X(46).                                 CEU7
012070    01  LINE3.                                                         CEU7
012080        02  PC2 PICTURE X VALUE '0'.                                   CEU7
012090        02  FIL PICTURE X(10) VALUE '  NAME    '.                      CEU7
012092        02  FIL PICTURE X(24) VALUE SPACES.                            CEU7
012093        02  FIL PICTURE X(15) VALUE 'MAILING ADDRESS'.                 CEU7
012096        02  FIL PICTURE X(53) VALUE SPACES.                            CEU7
012097        02  FIL PICTURE X(15) VALUE 'AFFILIATION    '.                 CEU7
012100        02  FIL PICTURE X(15) VALUE SPACES.                            CEU7
012110    01  LINE4.                                                         CEU7
012120        02  PCE     PICTURE X.                                         CEU7
012130        02  PRE-NAME    PICTURE X(32).                                 CEU7
012155        02  PRE-ADDA.                                                  CEU7
012160        03  PRE-ADD2    PICTURE X(23).                                 CEU7
012170        03  PRE-ADD3    PICTURE X(32).                                 CEU7
012180        02  FILLER  PICTURE X(8).                                      CEU7
012190        02  PRE-AFF     PICTURE X(28).                                 CEU7
012192        02  FILLER  PICTURE X(4).                                      CEU7
013010    01  LINE5.                                                         CEU7
013020        02  PCF     PICTURE X   VALUE '0'.                             CEU7
013030        02  PRF-FIL PICTURE X(15) VALUE 'TOTAL STUDENTS '.             CEU7
013040        02  PRF-SCT PICTURE ZZZZ.                                      CEU7
013050        02  FIL     PICTURE X(113) VALUE SPACES.                       CEU7
014010 PROCEDURE DIVISION.                                                  CEU7
014020     OPEN INPUT SIL-FILE, CEU-FILE.                                   CEU7
014030     ACCEPT CONTROL-CARD.                                             CEU7
014040     IF CTL1 NOT = ' CONTROL CEU7' GO TO A1.                          CEU7
014050     IF  CTL-PRINT = 'P' OPEN OUTPUT PRINTER GO TO B1.                CEU7
014060     IF  CTL-PRINT = 'T' OPEN OUTPUT PRINT-FILE GO TO B1.             CEU7
014070 A1.                                                                  CEU7
014080     DISPLAY 'INVALID PROGRAM CONTROL CARD' UPON CONSOLE.             CEU7
014090     DISPLAY CONTROL-CARD UPON CONSOLE, STOP RUN.                     CEU7
014100 B1.                                                                  CEU7
014110     IF CTLA = '*C1' OR CTLA = '*C2' GO TO B1A.                       CEU7
014120     GO TO A1.                                                        CEU7
014130 B1A.                                                                 CEU7
014140     DISPLAY CONTROL-CARD UPON CONSOLE.                               CEU7
014150 C1.                                                                  CEU7
014160     READ CEU-FILE AT END DISPLAY 'ECF ACTIVITY REACHED IN ERROR'     CEU7
014170     UPON CONSOLE, STOP RUN.                                          CEU7
014180     IF CEU-ACT  > AC-SEQ MOVE CEU-ACT TO AC-SEQ GO TO D1.            CEU7
014190     IF CEU-ACT  = AC-SEQ GO TO D1.                                   CEU7
014200     DISPLAY 'ACTIVITY FILE NOT IN SEQUENCE' UPON CONSOLE.            CEU7
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015010     DISPLAY AC-SEQ  ' ' CEU-ACT UPON CONSOLE,  STOP RUN.                CEU7
015020 D1.                                                                    CEU7
015030     EXIT.                                                             CEU7
015040 A2.                                                                    CEU7
015050     READ STU-FILE AT END DISPLAY 'EOF STUDENT REACHED IN ERROR'        CEU7
015060     UPON CONSOLE, STOP RUN.                                           CEU7
015070     MOVE STU-ACODE TO  STL-ACS.                                       CEU7
015080     MOVE STU-NAME  TO  STL-NAS.                                       CEU7
015090     MOVE STU-RCODE TO  STL-CDS.                                       CEU7
015100     IF STU-SEQ > STU-SEQ1 MOVE STL-SEQ TO STU-SEQ1 GO TO B2.          CEU7
015110     IF STU-SEQ = STU-SEQ1 GO TO B2.                                   CEU7
015120     DISPLAY 'STUDENT FILE IS NOT IN SEQUENCE' UPON CONSOLE.           CEU7
015130     DISPLAY STU-SEQ1 ' ' STU-SEQ UPON CONSOLE, STOP RUN.              CEU7
015140 B2.                                                                    CEU7
015150     EXIT.                                                             CEU7
015160 C2.                                                                    CEU7
015170     IF  STL-ACODE > CEU-ACT PERFORM C1 THRU C1, GO TO C2.             CEU7
015180     IF  STL-ACODE < CEU-ACT GO TO B5.                                 CEU7
015190     IF  STL-ACODE = ALL '9' GO TO EOJ.                                CEU7
015200     IF CTLA = '802' GO TO A6.                                         CEU7
016010 D2.                                                                    CEU7
016020     MOVE  +0 TO PAGE-CTR.                                             CEU7
016030     MOVE CEU-ACT TO PR2-ACT.                                          CEU7
016040     EXAMINE PR2-ACT REPLACING LEADING '0' BY ' '.                     CEU7
016050     MOVE CEU-BMO          TO  PR2-BMO.                                CEU7
016060     MOVE CEU-BYR          TO  PR2-BYR.                                CEU7
016070     MOVE CEU-EMO          TO  PR2-EMO.                                CEU7
016080     MOVE CEU-EDA          TO PR2-EDA.                                 CEU7
016090     MOVE CEU-BDA          TO  PR2-BDA.                                CEU7
016100     MOVE CEU-EYR          TO  PR2-EYR.                                CEU7
016110     MOVE CEU-TITLE (1)    TO  PR4-TIT.                                CEU7
016120     MOVE CEU-TITLE (2)    TO  PR4A-TIT.                               CEU7
016130     MOVE '-'              TO  PR2-D1, PR2-D2, PR2-D3, PR2-D4.         CEU7
016140 E2.                                                                    CEU7
016150     EXIT.                                                             CEU7
016160 A3.                                                                    CEU7
016170     ADD +1 TO PAGE-CTR.                                               CEU7
016180     MOVE PAGE-CTR TO PR1-PG.                                          CEU7
016190     MOVE +0 TO  LINE-CTR.                                             CEU7
016200     MOVE LINE1  TO PR-AREA PERFORM WR THRU WR-EX.                     CEU7
017010     MOVE LINE2  TO PR-AREA PERFORM WR THRU WR-EX.                     CEU7
017020     MOVE LINE3  TO PR-AREA PERFORM WR THRU WR-EX.                     CEU7
017030     MOVE LINE4  TO PR-AREA PERFORM WR THRU WR-EX.                     CEU7
017040     IF   PR4A-TIT NOT = SPACES MOVE LINE4A TO PR-AREA,                CEU7
017050     PERFORM WR THRU WR-EX.                                            CEU7
017060     MOVE LINE5  TO PR-AREA  PERFORM WR THRU WR-EX.                    CEU7
017070 B3.                                                                    CEU7
017080     EXIT.                                                             CEU7
017090 C3.                                                                    CEU7
017092     MOVE SPACES TO ST-AREA.                                           CEU7
017100     MOVE STU-ACODE TO ST-ACT.                                         CEU-7
017110     MOVE STU-NAME1 TO ST-NAME.                                        CEU7
017120     MOVE +0 TO J. MOVE SPACES TO ADD-CHECK.                           CEU7
017130 D3.                                                                    CEU7
017140     ADD +1 TO J.                                                      CEU7
017150     IF  J > +4 SUBTRACT +1 FROM J GO TO E3.                           CEU7
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017160      IF STU-ADDRESS (J) = SPACES SUBTRACT +1 FROM J, GO TO E3.
017170      MOVE STU-ADDRESS (J) TO ST-ADD (J).
017180      GO TO E3.
017190 E3.
017200      MOVE STU-ADDRESS (J) TO ADD-CK.
017210      MOVE +0 TO K, L.
018020 F3.
018030      ADD +1 TO K.
018040      IF AC (K) NOT = ' ' GO TO F3.
018050      MOVE K TO L. ADD +1 TO L.
018060      IF AC (L) NOT = ' ' GO TO F3.
018070      MOVE +0  TO K.
018080      PERFORM G3 5 TIMES. GO TO H3.
018090 G3.
018100      ADD +1 TO K.  ADD +1 TO L.
018110      MOVE STU-ZIPA (K) TO AD (L).
018120 H3.
018130      MOVE ADD-CK TO ST-ADD (J).
018140 I3.
018150      EXIT.
018160 A4.
018170      MOVE SPACES TO LINE6.
018180      MOVE '0' TO PCC.
018190      MOVE STU-FID1   TO  PR6-FD1.
018200      MOVE STU-FID2   TO  PR6-FD2.
018210      MOVE STU-FID3   TO  PR6-FD3.
019020      MOVE  ST-NAME   TO  PR6-NAM.
019030      MOVE '-' TO PR6-D1, PR6-D2.
019040      MOVE LINE6 TO PR-AREA PERFORM WR THRU WR-EX.
019050      MOVE SPACES TO LINE6.
019060      MOVE +0  TO K.
019070 B4.
019080      ADD +1 TO K.
019090      IF K >  J  GO TO C4.
019100      MOVE ST-ADD (K) TO PR6-NAM.
019110      MOVE LINE6 TO PR-AREA PERFORM WR THRU WR-EX.
019120      GO TO B4.
019130 C4.
019140      ADD +1 TO STU-CTR.
019150      PERFORM A2 THRU B2.
019160      IF STU-ACCDE NOT = ST-ACT GO TO A5.
019170      IF LINE-CTR > +54 PERFORM A3 THRU B3.
019180      IF STU-RCODE = '01' GO TO C3.
019190      GO TO A4.
019200 A5.
020010      MOVE STU-CTR TO PR7-CTR.
020020      MOVE +0 TO STU-CTR, PAGE-CTR.
020030      MOVE LINE7 TO PR-AREA.
020040      PERFORM WR THRU WR-EX.
020050      GO TO C2.
020060 B5.
020070      DISPLAY 'STUDENT RECORD UNMATCHED TO ACTIVITY FILE'
020080      UPON CONSOLE.
020090      DISPLAY 'ACTIVITY CODE - ' STU-ACCDE UPON CONSOLE.
020100      IF CTLA = '002' GO TO C5.
020110      MOVE SPACES TO PR2-REC, PR2-REC, LINE4, LINE4A.
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CEU7

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020120      MOVE STU-ACCDE TO PR2-ACT.                                      CEU7
020130      MOVE +0 TO PAGE-CTR.                                            CEU7
020140      GO TO A3.                                                       CEU7
020150 C5.                                                                  CEU7
020160      MOVE SPACES TO PRB-REG, PRB-END, LINEC, LINED, PRB-DAS.         CEU7
020170      MOVE 'ACTIVITY TITLE  ' TO PRC-ACT.                             CEU7
020180      MOVE +0 TO PAGE-CTR.                                            CEU7
020190      GO TO B6.                                                       CEU7
020200 WR.                                                                  CEU7
021010      IF CTL-PRINT = 'T' WRITE PRINT-REC FROM PR-AREA.                CEU7
021020      IF CTL-PRINT = 'P' WRITE PRINT-REC FROM PR-AREA AFTER ADVANCING CEU7
021030      PR-C.                                                           CEU7
021040      IF PR-C = 'C' ADD +1 TO LINE-CTR.                               CEU7
021050      ADD +1 TO LINE-CTR.                                             CEU7
021060 WR-EX.                                                               CEU7
021070      EXIT.                                                           CEU7
021080 EOJ.                                                                 CEU7
021090      READ STU-FILE AT END GO TO EOJ1. GO TO EOJ.                     CEU7
021100 EOJ1.                                                                CEU7
021110      READ CEU-FILE AT END GO TO CL. GO TO EOJ1.                      CEU7
021120 CL.                                                                  CEU7
021130      IF CTL-PRINT = 'P' CLOSE PRINTER.                               CEU7
021140      IF CTL-PRINT = 'T' CLOSE PRINT-FILE WITH LOCK.                  CEU7
021150      CLOSE STU-FILE WITH LOCK.                                       CEU7
021160      CLOSE CEU-FILE WITH LOCK.                                       CEU7
021170      STOP RUN.                                                       CEU7
021180 A6.                                                                  CEU7
021190      MOVE +0 TO PAGE-CTR.                                            CEU7
021200      MOVE CEU-ACT TO PRB-ACT.                                        CEU7
022010      EXAMINE PRB-ACT REPLACING LEADING '0' BY ' '.                   CEU7
022020      MOVE CEU-BMO  TO PRB-BMO.                                       CEU7
022030      MOVE CEU-BYR  TO PRB-BYR.                                       CEU7
022040      MOVE CEU-BDA  TO PRB-BDA.                                       CEU7
022050      MOVE CEU-EMO  TO PRB-EMO.                                       CEU7
022060      MOVE CEU-EDA  TO PRB-EDA.                                       CEU7
022070      MOVE CEU-EYR  TO PRB-EYR.                                       CEU7
022080      MOVE SPACES TO LINEC, LINED.                                    CEU7
022090      MOVE 'ACTIVITY TITLE  ' TO PRC-ACT.                             CEU7
022100      MOVE CEU-TITLE (1) TO  PRC-TITLE.                               CEU7
022110      MOVE CEU-TITLE (2) TO  PRD-TITLE.                               CEU7
022120      IF PRB-REG NOT = SPACES MOVE '-' TO PRB-C1, PRB-C2.             CEU7
022125      MOVE SPACES TO PRB-DAS.                                         CEU7
022130      IF PRB-END NOT = SPACES MOVE '-' TO PRB-DC3, PRB-DC4,           CEU7
022135      MOVE ' - ' TO PRB-DAS.                                          CEU7
022140      MOVE 'C' TO PCC.                                                CEU7
022150      MOVE SPACES TO LINEB.                                           CEU7
022160      MOVE 'D' TO PCC.                                                CEU7
022170 B6.                                                                  CEU7
022180      ADD +1 TO PAGE-CTR.  MOVE +0 TO LINE-CTR.                       CEU7
022190      MOVE PAGE-CTR TO PRA-PC.                                        CEU7
022200      MOVE LINEA TO PR-AREA. MOVE '1' TO PR-C.                        CEU7
022205      PERFORM WR THRU WR-EX.                                          CEU7
023010      MOVE LINEB  TO  PR-AREA PERFORM WR THRU WR-EX.                  CEU7
023020      MOVE LINEC  TO  PR-AREA PERFORM WR THRU WR-EX.                  CEU7
023030      IF  LINED NOT = SPACES MOVE LINED TO PR-AREA,                   CEU7
023040      PERFORM WR THRU WR-EX. MOVE 'D' TO PCC.                         CEU7
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023050      MOVE LINEE  TO  PR-AREA PERFORM WR THRU WR-EX.                  CEU7
023060 C6.                                                                  CEU7
023070      EXIT.                                                           CEU7
023080 A7.                                                                  CEU7
023090      PERFORM C3 THRU I3.                                             CEU7
023100      MOVE ST-NAME TO PRF-NAME.                                       CEU7
023105      MOVE STU-AFF TO PRF-AFF.                                        CEU7
023110      MOVE SPACES TO PRF-ADDA.                                        CEU7
023120      IF ST-ADD (2) = SPACES MOVE ST-ADD (1) TO PRF-ADDA GO TO B7.    CEU7
023130      IF ST-ADD (3) = SPACES MOVE ST-ADD (1) TO PRF-ADD2 MOVE         CEU7
023140      ST-ADD (2) TO PRF-ADD3 GO TO B7.                                CEU7
023150      MOVE ST-ADD (1) TO PRF-ADD2.                                    CEU7
023160      MOVE ST-ADD (2) TO PRF-ADD3.                                    CEU7
023170      PERFORM B7 THRU C7.                                             CEU7
023180      IF ST-ADD (4) = SPACES MOVE ST-ADD (3) TO PRF-ADD3 GO TO B7.    CEU7
023190      MOVE ST-ADD (3) TO PRF-ADD2. MOVE ST-ADD (4) TO PRF-ADD3.       CEU7
024040 B7.                                                                  CEU7
024050      MOVE LINEE TO PR-AREA PERFORM WR THRU WR-EX.                    CEU7
024060      MOVE SPACES TO LINEE.                                           CEU7
024070 C7.                                                                  CEU7
024080      EXIT.                                                           CEU7
024090 C7.                                                                  CEU7
024100      ADD +1 TO STU-CTR.                                              CEU7
024110      PERFORM A2 THRU B2.                                             CEU7
024120      IF STU-ACODE NOT = ST-ACT GO TO E7.                             CEU7
024130      IF LINE-CTR > +54 GO TO B6.                                     CEU7
024140      GO TO A7.                                                       CEU7
024150 E7.                                                                  CEU7
024160      MOVE STU-CTR TO  PRH-SCT. MOVE +0 TO STU-CTR.                   CEU7
024170      MOVE LINEH TO PR-AREA.                                          CEU7
024180      PERFORM WR THRU WR-EX.                                          CEU7
024190      GO TO C2.                                                       CEU7
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    1  001010 IDENTIFICATION DIVISION.                                          CEU-9
    2  001020 PROGRAM-ID.     'CEU9'.                                           CEU-9
    3  001030 AUTHOR.     JIM HARMON FOR GEORGE HOUGH.                          CEU-9
    4  001040 REMARKS.                                                          CEU-9
    5  001050     CREATE CEU STUDENT CERTIFICATE RECORD FILE.                   CEU-9
    6  001060 ENVIRONMENT DIVISION.                                             CEU-9
    7  001070 INPUT-OUTPUT SECTION.                                             CEU-9
    8  001080 FILE-CONTROL.                                                     CEU-9
    9  001090     SELECT TAP-1 ASSIGN TO 'SYS008' UTILITY 2400 UNIT.            CEU-9
   10  001100     SELECT TAP-2 ASSIGN TO 'SYS006' UTILITY 2400 UNIT.            CEU-9
   11  001110     SELECT TAP-3 ASSIGN TO 'SYS009' UTILITY 2400 UNIT.            CEU-9
   12  001120     SELECT PRNTR ASSIGN TO 'SYS012' UNIT-RECORD 1403 UNIT.        CEU-9
   13  001130 DATA DIVISION.                                                    CEU-9
   14  001140 FILE SECTION.                                                     CEU-9
   15  001150 FD  PRNTR, RECORDING MODE F, RECORD CONTAINS 133 CHARACTERS,      CEU-9
   16  001160     LABEL RECORDS ARE OMITTED, DATA RECORD IS PRT.                CEU-9
   17  001170 01  PRT                 PICTURE X(133).                          CEU-9
   18  001180 FD  TAP-1, RECORDING MODE F, RECORD CONTAINS 400 CHARACTERS,      CEU-9
   19  001190     BLOCK CONTAINS 5 RECORDS, LABEL RECORDS ARE STANDARD,         CEU-9
   20  001200     DATA RECORD IS 1-TAP.                                         CEU-9
   21  002010 01  1-TAP.                                                       CEU-9
   22  002020     02  1ID.                                                     CEU-9
   23  002030       03  1ID1       PICTURE XXX.                               CEU-9
   24  002040       03  1ID2       PICTURE XX.                                CEU-9
   25  002050       03  1ID3       PICTURE X(4).                              CEU-9
   26  002060     02  1CDD         PICTURE XX.                                CEU-9
   27  002070     02  1NAM.                                                    CEU-9
   28  002080       03  1NAM1      PICTURE X(8).                              CEU-9
   29  002090       03  FILLER     PICTURE X(22).                             CEU-9
   30  002100     02  1ADDR        PICTURE X(134).                            CEU-9
   31  002103     02  FILLER       PICTURE X(26).                             CEU-9
   32  002107     02  1ZIP         PICTURE X(8).                              CEU-9
   33  002110     02  FILLER       PICTURE X(131).                            CEU-9
   34  002120     02  1ACT         PICTURE X(5).                              CEU-9
   35  002130     02  1X           PICTURE X.                                 CEU-9
   36  002140     02  FILLER       PICTURE X(4).                              CEU-9
   37  002150 FD  TAP-2, RECORDING MODE F, RECORD CONTAINS 500 CHARACTERS,      CEU-9
   38  002160     BLOCK CONTAINS 6 RECORDS, LABEL RECORDS ARE STANDARD,         CEU-9
   39  002170     DATA RECORD IS 2-TAP.                                         CEU-9
   40  002180 01  2-TAP.                                                       CEU-9
   41  002190     02  2ACT        PICTURE X(5).                              CEU-9
   42  002200     02  2DATE       PICTURE X(20).                             CEU-9
   43  002210     02  FILLER      PICTURE X.                                 CEU-9
   44  002220     02  2UNIT       PICTURE XXX.                               CEU-9
   45  002010     02  FILLER      PICTURE X.                                 CEU-9
   46  002020     02  2TITL       PICTURE X(431).                            CEU-9
   47  002025     02  2YN         PICTURE X.                                 CEU-9
   48  002030     02  FILLER      PICTURE X(38).                             CEU-9
   49  003040 FD  TAP-3, RECORDING MODE F, RECORD CONTAINS 660 CHARACTERS,      CEU-9
   50  003050     BLOCK CONTAINS 5 RECORDS, LABEL RECORDS ARE STANDARD,         CEU-9
   51  003060     DATA RECORD IS 3-TAP.                                         CEU-9
   52  003070 01  3-TAP.                                                       CEU-9
   53  003080     02  3ID         PICTURE X(9).                              CEU-9
   54  003090     02  FILLER      PICTURE X(4).                              CEU-9
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LINE NO.  SEQ. NO.      SOURCE STATEMENT

     55   003100        02  3NAM          PICTURE X(3).                                    CEU-9
     56   003110        02  3ADDR         PICTURE X(134).                                  CEU-9
     57   003113        02  FILLER        PICTURE X(26).                                   CEU-9
     58   003117        02  3ZIP          PICTURE X(8).                                    CEU-9
     59   003120        02  3ACT          PICTURE X(5).                                    CEU-9
     60   003130        02  3N            PICTURE X.                                       CEU-9
     61   003140        02  3DATE         PICTURE X(20).                                   CEU-9
     62   003150        02  3UNIT         PICTURE XXX.                                     CEU-9
     63   003160        02  FILLER        PICTURE X.                                       CEU-9
     64   003170        02  3TITL         PICTURE X(431).                                  CEU-9
     65   003180        02  FILLER        PICTURE X(10).                                   CEU-9
     66   003190  WORKING-STORAGE SECTION.                                                 CEU-9
     67   003200  77  HLK                 PICTURE 9        VALUE 5.                        CEU-9
     68   003210  77  J                   PICTURE 99       VALUE 00.                       CEU-9
     69   003220  77  HI                  PICTURE 99       VALUE 00.                       CEU-9
     70   003230  77  SWF                 PICTURE X        VALUE '0'.                      CEU-9
     71   003240  77  STIACT              PICTURE X(5).                                    CEU-9
     72   003310  77  LN                  PICTURE 99       VALUE 53.                       CEU-9
     73   003320  77  SIID                PICTURE X(9)     VALUE SPACES.                   CEU-9
     74   003330  77  SICOD               PICTURE XX       VALUE '  '.                     CEU-9
     75   003340  77  SINAM               PICTURE X(30)    VALUE SPACES.                   CEU-9
     76   003350  77  SIACT               PICTURE X(5)     VALUE SPACES.                   CEU-9
     77   003360  77  S2ACT               PICTURE X(5)     VALUE SPACES.                   CEU-9
     78   003370  77  CTR1                PICTURE 9(4)     VALUE ZEROS.                    CEU-9
     79   003380  77  CTR2                PICTURE 9(4)     VALUE ZEROS.                    CEU-9
     80   003390  77  SWA                 PICTURE X        VALUE '1'.                      CEU-9
     81   003400  01  NAME                PICTURE X        VALUE 'C'.                      CEU-9
     82   003410  01  CARD.                                                                CEU-9
     83   003420      02  FILLER          PICTURE X.                                       CEU-9
     84   003430      02  OPT             PICTURE XX.                                      CEU-9
     85   003440      02  FILLER          PICTURE X(9).                                    CEU-9
     86   003450      02  CTL             PICTURE X(5).                                    CEU-9
     87   003460      02  FILLER          PICTURE X(25).                                   CEU-9
     88   003470      02  PRT             PICTURE X.                                       CEU-9
     89   003480      02  FILLER          PICTURE X(37).                                   CEU-9
     90   003490  01  HEAD-1.                                                              CEU-9
     91   003500      02  FILLER          PICTURE X(45)    VALUE 'STUDENTS NOT AWARDED C   CEU-9
     92   003510-         'EUS FOR ACTIVITY CODE  '.                                       CEU-9
     93   003520      02  HD1             PICTURE X(5).                                    CEU-9
     94   003530  01  HEAD-2.                                                              CEU-9
     95   003533      02  FILLER          PICTURE X(43)    VALUE 'STUDENT RECORDS UNMATC   CEU-9
     96   003540-         'HED ON ACTIVITY CODE '.                                         CEU-9
     97   003550      02  HD2             PICTURE X(5).                                    CEU-9
     98   003560  01  PRINT.                                                               CEU-9
     99   003570      02  PIX             PICTURE X.                                       CEU-9
    100   003580      02  LN-1.                                                            CEU-9
    101   003590        03  PT1           PICTURE XXX.                                     CEU-9
    102   003600        03  PT2           PICTURE X.                                       CEU-9
    103   003610        03  PT3           PICTURE XX.                                      CEU-9
    104   003620        03  PT4           PICTURE X.                                       CEU-9
    105   003630        03  PT5           PICTURE X(4).                                    CEU-9
    106   003640        03  FILLER        PICTURE XXX.                                     CEU-9
    107   003650        03  PT6           PICTURE X(30).                                   CEU-9
    108   003660        03  FILLER        PICTURE X(88).                                   CEU-9
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LINE NO.  SEQ. NO.          SOURCE STATEMENT                                                    CEU-9
    109   005170      02  FILLER REDEFINES IA-1.                                               CEU-9
    110   005180        03  PT7        PICTURE X(6).                                          CEU-9
    111   005190        03  PT8        PICTURE ZZZZ.                                          CEU-9
    112   005200        03  FILLER     PICTURE X(122).                                        CEU-9
    113   005210      02  FILLER REDEFINES IA-1.                                               CEU-9
    114   005220        03  PT9        PICTURE X(25).                                         CEU-9
    115   005230        03  PT10       PICTURE ZZZZ.                                          CEU-9
    116   005240        03  FILLER     PICTURE X(103).                                        CEU-9
    117   006010 01  STORE.                                                                   CEU-9
    118   006020      02  ST-REC OCCURS 40 TIMES.                                             CEU-9
    119   006030        03  STID.                                                              CEU-9
    120   006040          04  STID1    PICTURE XXX.                                          CEU-9
    121   006050          04  STID2    PICTURE XX.                                           CEU-9
    122   006060          04  STID3    PICTURE X(4).                                         CEU-9
    123   006070        03  STNAM      PICTURE X(30).                                         CEU-9
    124   006080 PROCEDURE DIVISION.                                                         CEU-9
    125   006090      OPEN INPUT TAP-1, TAP-2.     OPEN OUTPUT TAP-3, PRNTR.                 CEU-9
    126   006100      ACCEPT CARD.                                                           CEU-9
    127   006110      IF CTL NOT = 'CEU-9' DISPLAY 'INVALID OR MISSING CTL CARD'             CEU-9
    128   006120          UPON CONSOLE STOP RUN.                                             CEU-9
    129   006130 A1.                                                                         CEU-9
    130   006140      READ TAP-1 AT END MOVE ALL '9' TO I-TAP.                               CEU-9
    131   006150      IF I-TAP = ALL '9' MOVE '1' TO SWB GO TO G1.                           CEU-9
    132   006160      IF ICOD NOT = '01' GO TO A1.                                           CEU-9
    133   006170      IF CPT = '02' GO TO D1.                                                CEU-9
    134   006180      IF IACT < SIACT DISPLAY 'STUD OUT SEQ ACT ' IACT                       CEU-9
    135   006190          UPON CONSOLE STOP RUN.                                             CEU-9
    136   006200      IF IACT = SIACT GO TO B1.                                              CEU-9
    137   006210      MOVE IACT TO SIACT.          MOVE INAM TO SINAM.                       CEU-9
    138   006215      MOVE '1' TO SWB.                                                       CEU-9
    139   006220      MOVE ICOD TO SICOD.          GO TO G1.                                 CEU-9
    140   006230 B1.                                                                         CEU-9
    141   006240      IF INAM < SINAM DISPLAY 'STUD OUT SEQ NAME ' INAM                      CEU-9
    142   006250          UPON CONSOLE STOP RUN.                                             CEU-9
    143   006260      IF INAM = SINAM GO TO C1.                                              CEU-9
    144   006270      MOVE INAM TO SINAM.          MOVE ICOD TO SICOD.                       CEU-9
    145   006280      GO TO G1.                                                              CEU-9
    146   006290 C1.                                                                         CEU-9
    147   006300      IF ICOD < SICOD DISPLAY 'STUD OUT SEQ CODE ' ICOD                      CEU-9
    148   006310          UPON CONSOLE STOP RUN.                                             CEU-9
    149   006320      MOVE ICOD TO SICOD.          GO TO G1.                                 CEU-9
    150   006330 D1.                                                                         CEU-9
    151   006340      IF IACT < SIACT DISPLAY 'STUD OUT SEQ ACT ' IACT                       CEU-9
    152   006350          UPON CONSOLE STOP RUN.                                             CEU-9
    153   006360      IF IACT = SIACT GO TO E1.                                              CEU-9
    154   006370      MOVE IACT TO SIACT.          MOVE IID TO SIID.                         CEU-9
    155   006375      MOVE '1' TO SWB.                                                       CEU-9
    156   006380      MOVE ICOD TO SICOD.          GO TO G1.                                 CEU-9
    157   006390 E1.                                                                         CEU-9
    158   006400      IF IID < SIID DISPLAY 'STUD OUT SEQ ACT ' IACT                         CEU-9
    159   006410          UPON CONSOLE STOP RUN.                                             CEU-9
    160   006810      IF IID = SIID GO TO F1.                                                CEU-9
    161   006820      MOVE IID TO SIID.            MOVE ICOD TO SICOD.                       CEU-9
    162   006830      GO TO G1.                                                              CEU-9
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 163   CC8040 F1.                                                          CEU-9
 164   CC8050     IF ICOD < S1COD DISPLAY 'STUC OUT SEQ CODE ' ICOD        CEU-9
 165   CC8060         UPON CONSOLE STOP RUN.                               CEU-9
 166   CC8070     MOVE ICOD TO S1COD.                                      CEU-9
 167   CC8080 G1.                                                          CEU-9
 168   CC8090     EXIT.                                                    CEU-9
 169   CC8100 H1.                                                          CEU-9
 170   CC8110     READ TAF-2 AT END MOVE ALL '9' TO 2-TAP.                 CEU-9
 171   CC8120     IF 2ACT < S2ACT DISPLAY 'ACT OUT SEC ACT ' 2ACT          CEU-9
 172   CC8130         UPON CONSOLE STOP RUN.                               CEU-9
 173   CC8140     MOVE 2ACT TO S2ACT.                                      CEU-9
 174   CC8150 I1.                                                          CEU-9
 175   CC8160     IF SW1 = '1' GO TO D3A.                                  CEU-9
 176   CC8165     IF SW4 = '1' GO TO A3.                                   CEU-9
 177   CC8170     IF 2ACT < 1ACT GO TO H1.                                 CEU-9
 178   CC8180     IF 2ACT > 1ACT GO TO D2.                                 CEU-9
 179   CC8190     IF 1N = 'N' GO TO A2.                                    CEU-9
 180   CC8195     IF 2YN = 'N' GO TO J1.                                   CEU-9
 181   CC8200     MOVE SPACES TO 3-TAP.          MOVE 11C TO 3ID.          CEU-9
 182   CC9010     MOVE 1NAM1 TO 3NAM.            MOVE 1ADDR TO 3ADDR.      CEU-9
 183   CC9015     MOVE 1ZIP TO 3ZIP.                                       CEU-9
 184   CC9020     MOVE 1ACT TO 3ACT.             MOVE 1N TO 3N.            CEU-9
 185   CC9040     MOVE 2DATE TO 3DATE.           MOVE 2UNIT TO 3UNIT.      CEU-9
 186   CC9040     MOVE 2TITL TO 3TITL.           WRITE 3-TAP.              CEU-9
 187   CC9050     ADD 1 TO CTR1.                 SUBTRACT 1 FROM BLK.      CEU-9
 188   CC9060     IF BLK = 0 MOVE 5 TO BLK.          PERFORM A1 THRU G1.   CEU-9
 189   CC9065     IF 2ACT = 1ACT GO TO I1.           GO TO H1.             CEU-9
 190   CC9066 J1.                                                          CEU-9
 191   CC9067     PERFORM A1 THRU G1.            IF SW8 = '0' GO TO J1.    CEU-9
 192   CC9068     GO TO H1.                                                CEU-9
 193   CC9070 A2.                                                          CEU-9
 194   CC9080     IF LN < 52 GO TO B2.                                     CEU-9
 195   CC9100     MOVE 00 TO LN.                 MOVE ST1ACT TO HD1.       CEU-9
 196   CC9110     MOVE SPACES TO PRINT.          MOVE '1' TO PTX.          CEU-9
 197   CC9120     ADD 1 TO LN.                   MOVE HEAD-1 TO LN-1.      CEU-9
 198   CC9130     PERFORM PT THRU PE.            MOVE SPACES TO PRINT.     CEU-9
 199   CC9140     MOVE '0' TO PTX.               ADD 2 TO LN.              CEU-9
 200   CC9150     GO TO C2.                                                CEU-9
 201   CC9160 B2.                                                          CEU-9
 202   CC9170     MOVE SPACES TO PRINT.          ADD 1 TO LN.              CEU-9
 203   CC9180 C2.                                                          CEU-9
 204   CC9190     MOVE 11D1 TO PT1.              MOVE 1'C2 TO PT3.         CEU-9
 205   CC9200     MOVE 11D3 TO PT5.                                        CEU-9
 206   CC9210     IF 11D1 NOT = '  ' MOVE '-' TO PT2, PT4.                 CEU-9
 207   C1C010     MOVE 1NAM TO PT6.              PERFORM PT THRU PE.       CEU-9
 208   C1C020     ADD 1 TO CTR2.                 PERFORM A1 THRU G1.       CEU-9
 209   C1C025     IF 2ACT = 1ACT GO TO I1.           GO TO H1.             CEU-9
 210   C1C030 D2.                                                          CEU-9
 211   C1C050     ADD 1 TO J.                                              CEU-9
 212   C1C060     IF J > 40 DISPLAY 'TC MANY UNMATCHED STUDENTS'           CEU-9
 213   C1C070         UPON CONSOLE STOP RUN.                               CEU-9
 214   C1C0EC     MOVE SPACES TO STNAM (J).      MOVE 11C TO STID (J).     CEU-9
 215   C1C090     MOVE 1NAM TO STNAM (J).        PERFORM A1 THRU G1.       CEU-9
 216   C1C100     GO TO I1.                                                CEU-9
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LINE NO.  SEQ. NO.        SOURCE STATEMENT
    217   C1C11C A3.
    218   C1C115      IF CTR2 = ZEROS GO TO A3A.
    219   C1C120      MOVE SPACES TO PRINT.          MOVE '-' TO PTX.
    220   C1C130      MOVE 'TOTAL ' TO PT7.          MOVE CTR2 TO PT8.
    221   C1C14C      PERFORM PT THRU PE.
    222   C1C145 A3A.
    223   C1C147      MOVE J TO HI.
    224   C1C150      MOVE CO TO J.                  IF HI = 00 GO TO D3.
    225   C1C160      MOVE SPACES TO PRINT.          MOVE '1' TO PTX.
    226   C1C170      MOVE STIACT TO HD2.            MOVE HEAD-2 TO LN-1.
    227   C1C1EC      PERFORM PT THRU PE.            MOVE SPACES TO PRINT.
    228   C1C1F0      MOVE '0' TO PTX.               GO TO C3.
    229   C1C200 B3.
    230   C11210      MOVE SPACES TO PRINT.
    231   C11220 C3.
    232   C11230      ADD 1 TO J.                    IF J > HI GO TO D3.
    233   C1124C      MOVE STID1 (J) TO PT1.         MOVE STID2 (J) TO PT3.
    234   C11250      MOVE STID3 (J) TO PT5.
    235   C11255      IF STID1 (J) NOT = '   ' MOVE '-' TO PT2, PT4.
    236   C1127C      MOVE STNAM (J) TO PT6.         PERFORM PT THRU PE.
    237   C11270      GO TO B3.
    238   C1128C D3.
    239   C11294      EXIT.
    240   C112A7 D3A.
    241   C11250      IF 1-TAP = ALL '9' AND 2-TAP = ALL '9' GO TO B4.
    242   C11100      MOVE ZEROS TO CTR2, J, HI.
    243   C11105      MOVE IACT TO STIACT.
    244   C11110      MOVE '0' TO SWA, SWB.          MOVE 53 TO LN.
    245   C11120 E3.
    246   C1113C      GO TO I1.
    247   C11150 B4.
    248   C11200      PERFORM PAD BLK TIMES.         GO TO C4.
    249   C12010 PAD.
    250   C12020      MOVE ALL '9' TO 3-TAP.         WRITE 3-TAP.
    251   C12030 C4.
    252   C1204C      MOVE SPACES TO PRINT.          MOVE '1' TO PTX.
    253   C1205C      PERFORM PT THRU PE.            MOVE SPACES TO PRINT.
    254   C1206C      MOVE 'TOTAL OUTPUT RECORDS     ' TO PT9.
    255   C12070      MOVE CTR1 TO PT10.             PERFORM PT THRU PE.
    256   C1208C      CLOSE TAP-1 WITH LOCK.
    257   C12090      CLOSE TAP-2 WITH LOCK.
    258   C12100      CLOSE TAP-3 WITH LOCK.
    259   C1211C      CLOSE PRNTR.
    260   C12120      IF PORT = 'P' STOP RUN.
    261   C12130      ENTER LINKAGE.
    262   C12140      CALL 'DPPRINT' USING NAME.
    263   C1215C      ENTER COBOL.
    264   C1216C      STOP RUN.
    265   C12170 PT.
    266   C12130      IF PORT = 'T' GO TO A5.
    267   C1219C      MOVE SPACES TO PRT.            MOVE PRINT TO PRT.
    268   C12200      WRITE PRT AFTER ADVANCING PTX.
    269   C13010      GO TO PE.
    270   C13020 A5.
```

CEU-5

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LINE NO.  SEQ. NO.      SOURCE STATEMENT

  271     013030        ENTER LINKAGE.                                  CEU-5
  272     013040        CALL 'DPPRINT' USING PRINT.                     CEU-5
  273     013050        ENTER COBOL.                                    CEU-5
  274     013060 PE.                                                    CEU-5
  275     013070        EXIT.                                           CEU-5
```

TYPE	LOCATION	DATA NAME
FILE		FRATR
REC	CC00000	FRT
FILE		TAP-1
REC	CCCC000	1-TAP
	CCCCCC0	1ID
	CC00000	1ID1
	CC00003	1ID2
	CC00005	1ID3
	CC00009	1CCD
	CC00008	1NAM
	CC00013	1NAM1
	CC00029	1ADDR
	CC00C49	1ZIP
	CC00186	1ACT
	CC00188	1N
FILE		TAP-2
REC	CCC8000	2-TAP
	CCC8000	2ACT
	CC00005	2DATE
	CC0001A	2UNIT
	CC0001E	2TITL
	CC001CD	2YN
FILE		TAP-3
REC	CC00000	3-TAP
	CC03000	3ID
	CC00003	3NAM
	CC00015	3ADDR
	CC00045	3ZIP
	CC00030	3ACT
	CC00012	3N
	CC00003	3DATE
	CC00007	3UNIT
	CC00008	3TITL
	C000000	BLK
	CC00001	J
	CC00003	HI
	CC00005	SW4
	CC00006	ST1ACT
	CC00C08	LN
	CC00C00	S1ID
	CC00016	S1CCD
	CC00018	S1NAM
	CC00036	S1ACT
	CC00C38	S2ACT
	CC00040	CTR1
	CC00044	CTR2
	CC00048	SWA
REC	CC00050	MARC
REC	CC00058	CARD
	CC0C059	CPT
	CC00064	CTL

TYPE	LOCATION	DATA NAME
	C000082	PORT
REC	C000088	HEAD-1
	C000005	HD1
REC	C000050	HEAD-2
	C000105	HD2
REC	C000110	PRINT
	C000110	PTX
	C000111	LN-1
	C000111	PT1
	C000114	PT2
	C000115	PT3
	C000117	PT4
	C000118	PT5
	C000115	PT6
	C000111	FILLER
	C000111	PT7
	C000117	PT8
	C000111	FILLER
	C000111	PT9
	C00012A	PT10
REC	C000198	STORE
	C000198	ST-REC
	C000198	STIC
	C000198	STID1
	C000198	STID2
	C000190	STID3
	C0001A1	STNAM

```
LINE/POS  ADDR    INSTRUCTION
00125 01 004E8C   ENTRY
00125 01 004E8C   50 00 3 010
00125 01 004E90   D7 03 A 8C0 A 8C0
00125 01 004E95   D2 .. . 8C8 9 C88
00125 01 004E04   58 00 3 1F8
00125 01 004E12   58 C0 3 17C
00125 01 004E1C   D2 06 A 8A0 9 C53
00125 01 004E20   41 00 3 010
00125 01 004E36   41 C0 3 010
00125 01 004E40   58 80 A 80C
00125 07 004E4C   D7 B6 3 010 3 010
00125 07 004E53   58 00 3 1FC
00125 07 004E60   58 80 3 1F0
00125 07 004E74   D2 06 A 938 9 C98
00125 07 004E82   D7 03 A 7C0 A 7C0
00125 07 004E90   D2 06 A 7C8 9 CA3
00125 07 004E9C   41 00 3 010
00125 07 004EB8   41 00 3 01C
00125 07 004EC2   D2 03 A 17E A 7D8
00125 01 004EC7   58 F0 3 1A4
00127 01 004ECC   47 80 2 33A
00127 06 004ED6   D2 1A 1 00C 9 BD2
00127 06 004EE4   05 EF
00130 01 004EEE   41 00 3 35C
00130 01 004EFC   47 F0 2 36C
00130 05 005008   58 F0 3 1A0
00131 01 005014   41 10 8 000
00131 01 00501C   1A 20
00131 01 005023   41 10 1 001
00131 01 005034   47 70 2 352
00132 01 005042   D5 01 8 009 9 80F
00133 05 005052   47 00 3 47A
00134 05 005060   58 F0 3 1A8
00134 05 00506C   41 10 1 011
00134 05 00507A   58 F0 3 1AC
00135 01 005084   D5 04 8 186 A 036
00137 06 005094   D2 10 A 018 8 CC8
00139 06 0050A6   47 F0 3 54A
00141 05 0050B4   58 F0 3 1A8
00141 05 0050C0   41 10 1 012
00141 05 0050CE   58 F0 3 1AC
00143 01 0050DE   D5 10 8 009 A 018
00144 06 0050F8   D2 01 8 016 8 CC9
00147 01 0050FB   47 F0 3 470
00147 05 005102   D2 11 1 000 9 C10
00147 05 005112   41 10 1 002
00149 03 00511E   0A 0E
00151 01 00512A   D5 04 8 186 A 036
00151 05 005138   05 EF
00151 05 005144   D2 04 1 000 8 186
00151 05 005152   C5 EF

LINE/POS  ADDR    INSTRUCTION
00125 C1 004E82   D7 B6 3 010 3 010
00125 C1 004E90   58 00 3 1B4
00125 C1 004E9E   41 00 A 9C0
00125 C1 004EAC   41 00 A 898
00125 01 004EB8   50 00 A 8A8
00125 C1 004E16   41 00 C 960
00125 C1 004E24   92 0A 3 018
00125 C1 004E30   0A 02
00125 C1 004E3A   0A 02
00125 01 004E44   96 10 A 820
00125 C7 004E52   41 00 A 930
00125 C7 004E5F   50 00 A 940
00125 C7 004E6C   41 00 B 000
00125 C7 004E7A   41 00 A 7C0
00125 C7 004E86   41 00 9 AA0
00125 C7 004E96   92 0A 3 018
00125 C7 004EA2   0A 02
00125 C7 004EAC   0A 02
00126 C1 004EB8   41 10 A 058
00126 C1 004EC4   05 EF
00127 C6 004ED0   58 F0 3 1A8
00127 C6 004EDC   41 10 1 01B
00128 03 004EE8   0A 0E
00130 C1 004EF2   58 F0 3 1B0
00130 C5 005C00   92 F9 3 000
00130 C5 005C0C   05 EF
00131 C1 005C18   41 00 9 190
00131 C1 005C20   D5 00 3 038 1 000
00131 01 005C2E   19 21
00131 C6 005C38   D2 00 A 005 9 BC3
00132 C6 005C48   47 70 3 33A
00134 C1 005C56   D5 04 8 186 A 036
00134 C5 005C64   05 EF
00134 C5 005C70   D2 04 1 000 8 186
00134 C5 005C7E   05 EF
00136 C5 005C8A   47 80 3 3EA
00138 01 005C9A   D2 00 A 005 9 BC3
00141 C1 005CAA   D5 10 8 008 A 018
00141 C5 005CB8   05 EF
00141 C5 005CC4   D2 10 1 000 8 008
00141 C5 005CD2   05 EF
00143 C5 005CDE   47 80 3 442
00145 C1 005CEE   47 F0 3 54A
00147 C5 005CFC   58 F0 3 1A8
00147 C5 005108   41 10 1 012
00147 C5 005116   58 F0 3 1AC
00149 C1 005120   D2 01 A C16 8 009
00151 C1 005130   47 80 3 4A8
00151 C5 00513A   D2 10 1 000 9 BED
00151 C5 00514A   41 10 1 005
00152 C3 005156   0A 0E

LINE/POS  ADDR    INSTRUCTION
00125 01 004ED8   41 00 A 800
00125 01 004EE4   50 00 A 810
00125 01 004EF2   50 C0 A 8C4
00125 01 004F00   50 C0 3 014
00125 01 004F0C   D7 C3 A 858 A 898
00125 01 004F1A   50 C0 A 89C
00125 01 004F28   41 10 9 C83
00125 01 004F32   41 10 9 C73
00125 01 004F3C   58 80 A 844
00125 01 004F48   58 10 A 888
00125 07 004F56   50 C0 3 01C
00125 07 004F62   D7 C3 A 930 A 930
00125 07 004F70   50 C0 A 934
00125 07 004F7E   50 C0 3 014
00125 07 004F8C   50 00 A 7C4
00125 07 004F9A   41 10 9 C83
00125 07 004FA4   41 10 9 C73
00125 07 004FAE   58 50 A 974
00126 01 004FBC   41 20 0 050
00127 01 004FC6   D5 04 A 064 9 BBA
00127 06 004FD4   05 EF
00127 06 004FE0   58 F0 3 1AC
00130 01 004FEA   41 10 A 800
00130 01 004FFA   18 82
00130 05 005004   41 20 8 0C0
00131 01 005010   92 F9 3 038
00131 01 00501C   18 21
00131 01 005026   47 70 3 384
00131 01 005030   47 70 3 370
00131 10 00503E   47 F0 3 54A
00133 01 00504C   D5 C1 A 059 9 BC1
00134 01 00505C   47 F0 3 3D4
00134 05 005066   D2 10 1 0C0 9 BED
00134 05 005076   41 10 1 005
00135 03 005082   0A CE
00137 01 00508E   D2 C4 A 036 8 186
00139 C1 0050A0   D2 C1 A 016 8 0C9
00141 C1 0050B0   47 B0 3 428
00141 05 0050BA   D2 11 1 0C0 9 BFE
00141 05 0050CA   41 10 1 01E
00142 03 0050D6   0A CE
00144 01 0050E2   D2 10 A 018 8 008
00147 01 0050F2   D5 C1 8 009 A 016
00147 05 C05100   05 EF
00147 05 00510C   D2 C1 1 000 8 009
00147 05 00511A   05 EF
00149 06 005126   47 F0 3 54A
00151 05 005134   58 F0 3 1A8
00151 05 005140   41 10 1 011
00151 05 00514E   58 F0 3 1AC
00153 01 005158   D5 C4 8 186 A 036
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LINE/POS  ADDR    INSTRUCTION          LINE/POS  ADDR    INSTRUCTION          LINE/POS  ADDR    INSTRUCTION
00153 05 005156   47 80 3 4CE          00154 C1 005162   D2 04 A 036 8 186     00154 06 005168   D2 C8 A 0CD 8 000
00155 01 005161   D2 CC A 005 9 BC3     00156 C1 005174   D2 01 A 016 8 009     00156 06 00517A   47 F0 3 54A
00158 01 005178   05 08 8 000 A 00D     00158 C1 005184   47 F0 3 4FC          00158 05 005188   58 F0 3 1A8
00158 05 00518C   05 FF                00158 C5 00518E   D2 10 1 000 9 BFD     00158 05 005194   41 10 1 011
00158 05 C05198   D2 04 1 CCC 8 186     00158 C5 00519F   41 10 1 005          00158 05 0051A2   58 F0 3 1AC
00158 05 0051A6   05 FF                00159 C3 0051AA   0A 0E                00160 01 0051AC   05 08 8 0CC A 00D
00160 05 0051B2   47 80 3 516          00161 C1 0051B6   D2 08 A 00D 8 000     00161 06 0051BC   D2 C1 A 01E 8 0C9
00162 01 0051C2   47 F0 3 54A          00164 C1 0051C6   D5 01 8 009 A 016     00164 01 0051CC   47 B0 3 544
00164 05 0051D0   58 FC 3 1AB          00164 C5 0051D4   05 FF                00164 05 0051D6   D2 11 1 0C0 9 C10
00164 05 0051DC   41 1C 1 012          00164 C5 0051E0   D2 01 1 000 8 009     00164 05 0051E6   41 10 1 002
00164 05 0051EA   58 FC 3 1AC          00164 C5 0051EE   05 FF                00165 03 0051F2   0A CE
00166 01 0051F4   D2 01 A 01E 8 CC9     00169 C1 0051FA   47 F0 3 54E          00170 01 0051FE   41 10 A 898
00170 01 005202   41 00 3 5E4          00170 C1 005206   58 F0 3 1B0          00170 01 0052CE   18 62
00170 01 005210   47 FC 3 574          00170 C5 005214   92 F5 6 C00          00170 05 005218   41 20 6 00C
00170 05 00521C   58 F0 3 1A0          00170 C5 005220   05 FF                00171 01 005224   D5 C4 6 000 A 038
00171 01 005228   47 B0 3 5A2          00171 C5 00522E   58 F0 3 1AB          00171 05 005232   05 FF
00171 05 005234   D2 CF 1 0C0 9 C22     00171 C5 00523A   41 10 1 010          00171 05 00523E   D2 C4 1 000 6 000
00171 05 005244   41 1C 1 005          00171 C5 005248   58 F0 3 1AC          00171 05 00524C   05 FF
00172 03 005250   0A 0                  00173 C1 005252   D2 04 A 038 6 000     00175 01 005258   D5 00 A 048 9 BC3
00175 05 00525E   47 80 3 4B8          00176 C1 005262   D5 00 A 005 9 BC3     00176 05 005268   47 80 3 8B0
00177 01 00526C   D5 C4 6 000 8 186     00177 C5 005272   47 40 3 54E          00178 01 005276   D5 C4 6 000 8 186
00178 05 00527C   47 20 3 7E8          00179 C1 005280   D5 00 8 18E 9 BC4     00179 05 0052B6   47 80 3 6C8
00180 01 00528A   D5 00 6 1C0 9 BC4     00180 C5 005290   47 80 3 6A4          00181 01 0052S4   52 40 5 00C
00181 01 005288   41 20 5 00C          00181 C1 00529C   59 F0 3 1A0          00181 01 0052A0   05 FF
00181 05 0052A4   D2 08 5 0CC 8 000     00182 C1 0052AA   D2 07 5 00D 8 00B     00182 06 0052B0   D2 B5 5 015 8 029
00183 01 0052B6   D2 07 5 0D5 8 CC9     00184 C1 0052BC   D2 04 5 0BD 8 186     00184 06 0052C2   D2 C0 5 0C2 8 18B
00185 01 0052C8   D2 13 5 0C3 6 005     00185 C6 0052CE   D2 02 5 0D7 6 01A     00186 01 0052D4   D2 FF 5 0DB 6 01E
00186 01 0052DA   D2 AF 5 1D8 6 11E     00186 C6 0052E0   41 10 A 930          00186 06 0052E4   58 FC 3 1B0
00186 06 0052EC   1B 52                00187 C1 0052EE   F2 F3 3 168 A 040     00187 01 0052F4   FA F0 3 16E 9 C32
00187 01 005284   F3 3F A 04C 3 168     00187 01 005300   96 F0 A 043          00187 06 005304   F2 F0 3 16E A 0C0
00187 06 00530A   FA FC 3 16E 9 C32     00187 C6 005310   F3 0F A 000 3 168     00188 01 005316   96 F0 A 0C0
00188 01 00531A   F2 00 3 03E A CC0     00188 C1 005320   F9 00 3 038 9 BC5     00188 01 005326   47 70 3 6B0
00188 05 00532A   D2 CC A 000 9 C4F     00188 10 005330   D2 01 3 1CF 3 54C     00188 10 005336   D2 C1 3 54C 3 1CC
00188 10 00533C   47 FC 3 33A          00188 10 005340   D2 01 3 54C 3 1CF     00189 01 005346   D5 C4 6 000 8 186
00189 05 00534C   47 FC 3 5AE          00189 C9 005350   47 F0 3 54E          00191 01 005354   D2 C1 3 1D2 3 54C
00191 01 00535A   D2 C1 3 54C 3 1D0     00191 C1 005360   47 F0 3 33A          00191 01 005364   D2 C1 3 54C 3 1D2
00191 06 00536A   D5 00 A 0C5 9 BC6     00191 10 005370   47 B0 3 6A4          00192 01 005374   47 F0 3 54E
00194 01 005378   F2 11 3 03E A CC8     00194 C1 00537E   F9 11 3 038 9 BC7     00194 05 005384   47 40 3 75A
00195 01 00538E   D2 C1 A 0C8 9 C4F     00195 C6 00538E   D2 04 A 0C5 A 006     00196 01 005394   92 40 A 110
00196 01 005398   D2 83 A 111 A 110     00196 C6 00539E   D2 00 A 110 9 BC3     00197 01 0053A4   F2 F1 3 168 A 0CB
00197 01 0053AA   FA FC 3 16E 9 C32     00197 C1 0053B0   F3 1F A 00B 3 168     00197 01 0053B6   96 FC A 0CC
00197 06 0053BA   D2 31 A 111 A CA8     00197 C6 0053C0   92 40 A 143          00197 06 0053C4   D2 50 A 144 A 143
00198 01 0053CA   D2 01 3 1D6 3 D62     00198 C1 0053D0   D2 01 3 D62 3 1D4     00198 01 0053D6   47 F0 3 CAC
00198 01 0053DA   D2 01 3 D62 3 1D6     00198 C6 0053E0   92 40 A 110          00198 06 0053E4   D2 83 A 111 A 110
00199 01 0053EA   D2 00 A 110 9 BC6     00199 C6 0053F0   F2 F1 3 168 A 00B     00199 06 0053F6   FA F0 3 16E 9 C33
00199 06 0053FC   FA 1F A 0C5 3 168     00199 C6 005402   96 F0 A 00C          00200 01 0054C6   47 F0 3 77A
00202 01 00540A   92 40 A 110          00202 C1 00540E   D2 83 A 111 A 110     00202 06 005414   F2 F1 3 168 A 0CB
00202 06 00541A   FA FC 3 16E 9 C32     00202 C6 005420   F3 1F A 00B 3 168     00202 06 005426   96 F0 A 0CC
00204 01 00542A   D2 C2 A 111 8 000     00204 C6 005430   D2 01 A 115 8 003     00205 01 005436   D2 C3 A 118 8 0C5
00206 01 00543C   05 02 8 0CC 5 BC9     00206 C1 005442   47 80 3 7A2          00206 06 005446   D2 C0 A 114 9 C51
00206 06 00544C   D2 00 A 117 9 C51     00207 C1 005452   D2 1C A 11E 8 00B     00207 06 005458   D2 C1 3 1DA 3 D62
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LINE/POS	ADDR	INSTRUCTION
00207	06	005468 D2 01 3 0E2 3 1DA
00208	01	00547A F3 3F A 044 3 168
00208	06	00548A D2 C1 3 54C 3 10C
00209	01	00549A C5 C4 6 000 8 186
00211	01	0054AE F2 F1 3 168 A 001
00211	01	0054BA 96 F0 A 0C2
00212	01	0054CA 47 C0 3 83E
00212	05	0054D4 D2 19 1 0CC 9 C34
00212	05	0054E2 05 FF
00214	01	0054EC F2 71 3 0B0 A 001
00214	01	0054F8 4C 10 9 BB8
00214	01	005500 92 40 7 0C0
00214	09	00550E F2 71 3 0BC A 0C1
00214	09	00551A 4C 10 9 BB8
00214	09	005522 D2 C8 7 0C0 8 000
00215	01	005532 4F 1C 3 0B0
00215	01	00553C 1A 21
00215	09	005546 D2 C1 3 1F2 3 54C
00215	09	005556 D2 C1 3 54C 3 1F2
00218	01	005564 D2 C2 3 035 3 038
00218	01	005574 F2 23 3 038 A 044
00219	01	005584 92 40 A 11C
00220	01	005594 D2 C5 A 111 9 C52
00220	06	0055A6 DE C5 3 03E 3 C10
00220	06	0055B6 92 40 A 117
00221	01	0055C6 D2 C1 3 0E2 3 1E4
00223	01	0055D6 D2 01 A 003 A 001
00224	06	0055E8 F5 11 3 03E 9 BCE
00225	01	0055F6 D2 83 A 111 A 110
00226	06	005608 D2 2F A 111 A 0E0
00227	01	005618 D2 C1 3 1EA 3 0E2
00227	01	005628 D2 C1 3 0E2 3 1EA
00228	01	005638 D2 C0 A 110 9 BC6
00230	01	005646 D2 83 A 111 A 110
00232	01	005658 F3 1F A 0C1 3 168
00232	06	005668 F2 11 3 054 A 003
00233	01	005678 41 20 A 198
00233	01	005686 06 10
00233	01	00568E 18 72
00233	09	005696 F2 71 3 0B0 A 001
00233	09	0056A6 4C 10 9 BB8
00233	09	0056AE D2 C1 A 115 7 0C0
00234	01	0056BE 4F 10 3 0BC
00234	01	0056C8 1A 21
00235	01	0056D2 41 20 A 198
00235	01	0056EC C6 10
00235	01	0056E8 18 72
00235	09	0056F4 D2 CC A 114 9 C51
00236	01	005704 F2 71 3 0BC A 001
00236	01	005710 4C 10 9 BB8
00236	01	005718 D2 1D A 11F 7 0C0

LINE/POS	ADDR	INSTRUCTION
00207	06	005464 47 F0 3 CAC
00208	01	005474 FA F0 3 168 9 C32
00208	06	005484 D2 01 3 1DE 3 54C
00208	06	005494 D2 01 3 54C 3 1D8
00209	01	0054A4 47 FC 3 54E
00211	01	0054B4 F3 1F A 001 3 168
00212	01	0054C4 F9 11 3 038 9 BCC
00212	05	0054D2 05 FF
00212	05	0054DE 58 F0 3 1AC
00214	01	0054E8 41 20 A 1A1
00214	01	0054F6 0C 10
00214	01	0054FE 18 72
00214	09	00550A 41 20 A 198
00214	09	005518 06 10
00214	09	005520 18 72
00215	01	00552C F2 71 3 0B0 A 001
00215	01	005538 4C 10 9 BB8
00215	01	005540 D2 1D 7 000 8 00B
00215	09	005552 47 F0 3 33A
00218	01	005560 92 00 3 038
00218	01	00556E F2 23 3 010 3 038
00218	05	005580 47 80 3 926
00219	06	00558E D2 00 A 110 9 C51
00220	06	0055A0 D2 05 3 038 A 780
00220	06	0055B2 47 70 3 910
00221	01	0055C0 D2 01 3 1E6 3 D62
00221	01	0055D0 D2 01 3 D62 3 1E6
00224	06	0055E2 F2 11 3 038 A 003
00225	01	0055F2 92 40 A 110
00226	01	005602 D2 04 A 10B A 006
00226	06	005612 D2 52 A 142 A 141
00227	01	005624 47 F0 3 CAC
00227	06	005632 D2 83 A 111 A 110
00228	01	005642 92 40 A 110
00232	01	005652 FA F0 3 168 9 C32
00232	06	005662 F2 11 3 C3E A 001
00232	10	005674 47 20 3 A88
00233	01	005682 4F 10 3 0B0
00233	01	00568C 1A 21
00233	09	005696 41 20 A 198
00233	09	0056A4 06 10
00233	09	0056AC 18 72
00234	01	0056B8 F2 71 3 0B0 A 001
00234	01	0056C4 4C 10 9 BB8
00234	01	0056CC D2 03 A 118 7 000
00235	01	0056DC 4F 10 3 0B0
00235	01	0056F6 1A 21
00235	01	0056F0 47 80 3 A50
00236	01	005700 41 20 A 1A1
00236	01	00570E 06 10
00236	01	005716 18 72

LINE/POS	ADDR	INSTRUCTION
00207	06	005468 D2 01 3 0E2 3 1DA
00208	01	00547A F3 3F A 044 3 168
00208	06	00548A D2 C1 3 54C 3 10C
00209	01	00549A C5 C4 6 000 8 186
00211	01	0054AE F2 F1 3 168 A 001
00211	01	0054BA 96 F0 A 0C2
00212	01	0054CA 47 C0 3 83E
00212	05	0054D4 D2 19 1 0CC 9 C34
00212	05	0054E2 05 FF
00214	01	0054EC F2 71 3 0B0 A 001
00214	01	0054F8 4C 10 9 BB8
00214	01	005500 92 40 7 0C0
00214	09	00550E F2 71 3 0BC A 0C1
00214	09	00551A 4C 10 9 BB8
00214	09	005522 D2 C8 7 0C0 8 000
00215	01	005532 4F 1C 3 0B0
00215	01	00553C 1A 21
00215	09	005546 D2 C1 3 1F2 3 54C
00215	09	005556 D2 C1 3 54C 3 1F2
00218	01	005564 D2 C2 3 035 3 038
00218	01	005574 F2 23 3 038 A 044
00219	01	005584 92 40 A 11C
00220	01	005594 D2 C5 A 111 9 C52
00220	06	0055A6 DE C5 3 03E 3 C10
00220	06	0055B6 92 40 A 117
00221	01	0055C6 D2 C1 3 0E2 3 1E4
00223	01	0055D6 D2 01 A 003 A 001
00224	06	0055E8 F5 11 3 03E 9 BCE
00225	01	0055F6 D2 83 A 111 A 110
00226	06	005608 D2 2F A 111 A 0E0
00227	01	005618 D2 C1 3 1EA 3 0E2
00227	01	005628 D2 C1 3 0E2 3 1EA
00228	01	005638 D2 C0 A 110 9 BC6
00230	01	005646 D2 83 A 111 A 110
00232	01	005658 F3 1F A 0C1 3 168
00232	06	005668 F2 11 3 054 A 003
00233	01	005678 41 20 A 198
00233	01	005686 06 10
00233	01	00568E 18 72
00233	09	005696 F2 71 3 0B0 A 001
00233	09	0056A6 4C 10 9 BB8
00233	09	0056AE D2 C1 A 115 7 0C0
00234	01	0056BE 4F 10 3 0BC
00234	01	0056C8 1A 21
00235	01	0056D2 41 20 A 198
00235	01	0056EC C6 10
00235	01	0056E8 18 72
00235	09	0056F4 D2 CC A 114 9 C51
00236	01	005704 F2 71 3 0BC A 001
00236	01	005710 4C 10 9 BB8
00236	01	005718 D2 1D A 11F 7 0C0

LINE/POS	ADDR	INSTRUCTION	LINE/POS	ADDR	INSTRUCTION	LINE/POS	ADDR	INSTRUCTION
00236 09	005715	D2 01 3 1F5 3 D62	00236 C9	005724	D2 01 3 D62 3 1EC	00236 09	00572A	47 F0 3 CAC
00236 09	005721	D2 01 3 D62 3 1F5	00237 C1	005734	47 F0 3 992	00241 01	005738	92 F9 3 03F
00241 01	005736	41 10 8 000	00241 C1	005740	41 00 0 190	00241 01	005744	1B 21
00241 01	005746	1A 20	00241 C1	005748	05 00 3 038 1 000	00241 01	00574E	47 70 3 AAC
00241 01	005752	41 10 1 001	00241 C1	005756	19 21	00241 01	005758	47 70 3 A9E
00241 01	005750	47 70 3 ABE	00241 C1	00576C	92 F9 3 038	00241 01	005764	41 10 6 000
00241 01	005768	41 00 0 1F4	00241 C1	00576C	1B 21	00241 01	00576E	1A 20
00241 01	005770	05 00 3 03E 1 000	00241 C1	005776	47 70 3 AD4	00241 01	00577A	41 10 1 001
00241 01	005778	19 21	00241 C1	005780	47 70 3 ACO	00241 11	005784	47 80 3 B12
00242 01	005788	92 F0 A 044	00242 C1	00578C	D2 02 A 045 A 044	00242 01	005792	92 F0 A 001
00242 01	005796	D2 C0 A 002 A C01	00242 C1	00579C	92 F0 A 003	00242 01	0057A0	D2 C0 A 0C4 A 003
00243 01	0057A6	D2 04 A 00C 8 186	00244 C1	0057AC	D2 00 A 04B 9 BC6	00244 01	0057B2	D2 C0 A 0C5 9 BC6
00244 01	0057B0	D2 01 A 0C8 9 C58	00246 C1	0057BF	47 F0 3 5A8	00248 01	0057C2	D2 C1 3 1F2 3 B74
00248 01	0057C8	D2 01 3 B74 3 1F0	00248 C1	0057CE	F2 70 3 C38 A 000	00248 01	0057D4	4F 10 3 03E
00248 01	0057DA	58 10 9 BB0	00248 C1	0057DC	1B EF	00248 01	0057DE	59 F0 9 BB0
00243 01	0057E2	47 80 3 B4A	00248 C1	0057E6	41 E0 F 001	00248 01	0057EA	50 E0 9 BB4
00248 01	0057F0	47 F0 3 B54	00248 C1	0057F2	58 F0 9 EB4	00248 01	0057F6	47 F0 3 B2E
00248 01	0057FA	D2 01 3 B74 3 1F2	00248 C6	005800	47 F0 3 E76	00250 01	005BC4	52 F9 5 000
00250 01	005808	41 20 5 00C	00250 C1	00580C	58 F0 3 1A0	00250 01	005810	05 FF
00250 01	005814	41 10 A 93C	00250 C7	005818	58 F0 3 1B0	00250 07	005820	1B 52
00251 01	005822	47 F0 3 B7E	00252 C1	005826	92 40 A 110	00252 01	00582A	D2 83 A 111 A 110
00252 06	005830	D2 C0 A 110 9 BC3	00253 C1	005836	D2 01 3 1F6 3 D62	00253 01	00583C	D2 C1 3 D62 3 1F4
00253 01	005842	47 F0 3 CAC	00253 C1	005846	D2 01 3 D62 3 1F6	00253 06	005B4C	92 40 A 110
00253 06	005850	D2 83 A 111 A 110	00254 C1	005856	F2 18 A 111 9 C5A	00255 01	005B5C	F2 23 3 01C A 040
00255 01	005B62	D2 05 3 C3E A 780	00255 C1	005868	DE 05 3 C38 3 010	00255 01	005B6E	D2 C3 A 12A 3 03A
00255 01	005B74	47 70 3 B12	00255 C1	005B78	92 40 A 12A	00255 01	00587C	D2 C2 A 12B A 12A
00255 06	005B82	D2 01 3 1FA 3 D62	00255 C6	005B88	D2 01 3 D62 3 1F8	00255 06	00588E	47 F0 3 CAC
00256 06	005B92	D2 01 3 D62 3 1FA	00256 C1	005B98	D7 B6 3 010 3 010	00256 C1	00589F	41 C0 A 800
00256 01	005BA2	50 0C 3 010	00256 C1	005BA6	94 C7 A 820	00256 01	0058AA	96 20 A 820
00256 01	005BAE	96 C4 A 824	00256 C1	005BB2	94 FF A 820	00256 01	0058BE	92 CA 3 014
00256 01	005BBA	41 10 9 C7B	00256 C1	005BBE	41 00 3 010	00256 01	0058C2	0A C2
00257 01	005BC4	D7 B6 3 01C 3 C10	00257 C1	005BCA	41 00 A 898	00257 C1	0058CE	5C C0 3 01C
00257 01	005BD2	94 C7 A 8B8	00257 C1	005BD6	96 20 A 888	00257 01	0058DA	9E C4 A 88C
00257 C1	005BDE	94 FF A 8B8	00257 C1	005BE2	92 0A 3 014	00257 01	0058E6	41 10 9 C7B
00257 01	005BEA	41 C0 3 010	00257 C1	005BEE	0A 02	00258 01	0058F0	D7 B6 3 010 3 010
00258 01	005BF6	41 00 A 93C	00258 C1	005BFA	50 00 3 010	00258 01	0058FE	94 C7 A 950
00258 01	005902	9E 20 A 950	00258 C1	005906	96 04 A 954	00258 01	00590A	94 EF A 950
00258 01	00590E	92 0A 3 014	00258 C1	005912	41 10 9 C7B	00258 01	005916	41 C0 3 010
00258 01	00591A	0A 02	00259 C1	00591C	D7 B6 3 010 3 010	00259 C1	005922	41 CC A 7CC
00259 01	005926	50 C0 3 010	00259 C1	00592A	92 0A 3 014	00259 01	00592E	41 10 9 C7B
00259 01	005932	41 C0 3 010	00259 C1	005936	0A 02	00260 01	005938	D5 CC A 082 9 BD0
00260 01	00593E	47 70 3 C94	00260 C5	005942	0A 0E	00261 01	005944	41 10 A 050
00261 01	005949	50 10 3 010	00261 C1	00594C	92 80 3 010	00261 01	005950	41 10 3 010
00261 01	005954	58 F0 3 1CC	00261 C1	005958	05 FF	00264 01	00595A	0A CE
00266 01	00595C	D5 CC A 082 9 BD1	00266 C5	005962	47 80 3 C4A	00267 01	005966	58 CC 3 17E
00267 01	00596A	92 40 C 000	00267 C1	00596E	D2 83 C 001 C 000	00267 06	005974	D2 84 C 000 A 110
00268 01	005978	D2 CC C 000 A 110	00268 C1	005980	D2 02 3 011 A 7E9	00268 01	0059E6	D2 C2 3 015 A 709
00268 01	005986	58 10 3 010	00268 C1	005994	50 10 3 018	00268 01	005998	D2 C2 A 7E9 3 019
00268 01	00599E	58 10 3 014	00268 C1	0059A6	50 10 3 018	00268 01	0059AA	D2 C2 A 709 3 019
00268 01	0059B0	48 10 A 7F4	00268 C1	0059B4	06 10	00269 01	0059B6	40 10 A 7EE
00268 01	0059BA	58 0C 3 1C4	00268 C1	0059BE	50 00 A 7D0	00268 01	0C59C2	96 20 A 7D5

LINE/POS ADDR	INSTRUCTION	LINE/POS ADDR	INSTRUCTION	LINE/POS ADDR	INSTRUCTION
00268 01 0059C6	92 01 A 7C8	00268 C1 0059CA	41 10 A 7C0	00268 01 0059C6	41 C0 3 034
00268 01 0059CE	47 10 3 034	00268 C1 0059E2	0A 07	00268 01 0059E4	D2 02 A 7D8 3 011
00268 C1 0059EA	D2 02 A 7E8 3 015	00268 C1 0059F0	D2 03 3 178 A 7C8	00269 01 0059F6	47 F0 3 060
00271 01 0059FA	41 10 A 110	00271 C1 0059FE	50 10 3 010	00271 01 005A02	92 80 3 010
00271 01 005A06	41 10 3 010	00271 C1 005A0A	58 F0 3 1C8	00271 01 005A0E	05 EF
00000 00 005A10	47 FC 3 064				

LINE/POS	ER CODE	CLAUSE	MESSAGE
17- 1	IJS063I	W ALIGNMENT	TO ALIGN BLOCKED RECORDS ADD 3 BYTES TO THE 01 CONTAINING DATANAME PRT.
47- 1	IJS063I	W ALIGNMENT	TO ALIGN BLOCKED RECORDS ADD 4 BYTES TO THE 01 CONTAINING DATANAME FILLER.
64- 1	IJS063I	W ALIGNMENT	TO ALIGN BLOCKED RECORDS ADD 4 BYTES TO THE 01 CONTAINING DATANAME FILLER.
81- 1	IJS053I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 7 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING NAME.
82- 1	IJS053I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 7 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING CARD.
94- 1	IJS053I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 6 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-2.
117- 1	IJS053I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 3 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING STORE.

7 LEVEL W DIAGNOSTICS

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    1  CC1010 IDENTIFICATION DIVISION.                                          CEL-1C
    2  CC1020 PROGRAM-ID.     'CELIC'.                                          CEL-1C
    3  CC1030 AUTHOR.      JIM HARPER FOR GEORGE HOUGH.                         CEL-1C
    4  CC1040 REMARKS.                                                          CEL-1C
    5  CC1050     PREPARE CONTINUING EDUCATION UNIT CERTIFICATES.               CEL-1C
    6  CC1060 ENVIRONMENT DIVISION.                                             CEL-1C
    7  CC1070 INPUT-OUTPUT SECTION.                                             CEL-1C
    8  CC1080 FILE-CONTROL.                                                     CEL-1C
    9  CC1090     SELECT TAP-1 ASSIGN TO 'SYS006' UTILITY 2400 UNIT.            CEL-1C
   10  CC1100     SELECT READR ASSIGN TO 'SYS010' UNIT-RECORD 2540R UNIT.       CEL-1C
   11  CC1110     SELECT PRNTR ASSIGN TO 'SYS012' UNIT-RECORD 1403 UNIT.        CEL-1C
   12  CC1120 DATA DIVISION.                                                    CEL-1C
   13  CC1130 FILE SECTION.                                                     CEL-1C
   14  CC1140 FD  PRNTR, RECORDING MODE F, RECORD CONTAINS 133 CHARACTERS,      CEL-1C
   15  CC1150     LABEL RECORDS ARE OMITTED, DATA RECORD IS PRT.                CEL-1C
   16  CC1160 01  PRT              PICTURE X(133).                             CEL-1C
   17  CC1170 FD  READR, RECORDING MODE F, RECORD CONTAINS 80 CHARACTERS,       CEL-1C
   18  CC1180     LABEL RECORDS ARE OMITTED, DATA RECORD IS CARD.               CEL-1C
   19  CC1190 01  CARD.                                                        CEL-1C
   20  CC1200     02  CDEPT        PICTURE XXX.                               CEL-1C
   21  CC2010     02  CLOC         PICTURE X.                                 CEL-1C
   22  CC2020     02  CNO          PICTURE X.                                 CEL-1C
   23  CC2030     02  CNAM         PICTURE X(60).                             CEL-1C
   24  CC2040     02  FILLER       PICTURE X(15).                             CEL-1C
   25  CC2050 FD  TAP-1, RECORDING MODE F, RECORD CONTAINS 660 CHARACTERS,     CEL-1C
   26  CC2060     BLOCK CONTAINS 5 RECORDS, LABEL RECORDS ARE STANDARD,        CEL-1C
   27  CC2070     DATA RECORD IS 1-TAP.                                        CEL-1C
   28  CC2080 01  1-TAP.                                                       CEL-1C
   29  CC2090     02  1ID.                                                     CEL-1C
   30  CC2100       03  1ID1       PICTURE XXX.                               CEL-1C
   31  CC2110       03  1ID2       PICTURE XX.                                CEL-1C
   32  CC2120       03  1ID3       PICTURE X(4).                              CEL-1C
   33  CC2130     02  FILLER       PICTURE X(4).                              CEL-1C
   34  CC2140     02  1NAME        PICTURE X(8).                              CEL-1C
   35  CC2150     02  1NAM         PICTURE X(30).                             CEL-1C
   36  CC2160     02  FILLER       PICTURE X(138).                            CEL-1C
   37  CC2170     02  1ACT         PICTURE X(5).                              CEL-1C
   38  CC2180     02  FILLER       PICTURE X(7).                              CEL-1C
   39  CC2190     02  1DATE.                                                   CEL-1C
   40  CC2200       03  1MC        PICTURE XX.                                CEL-1C
   41  CC3010       03  1DA        PICTURE XX.                                CEL-1C
   42  CC3020       03  1YR        PICTURE XX.                                CEL-1C
   43  CC3030     02  FILLER       PICTURE X(4).                              CEL-1C
   44  CC3040     02  1CEL         PICTURE X(4).                              CEL-1C
   45  CC3050     02  1DEPT        PICTURE XXX.                               CEL-1C
   46  CC3060     02  FILLER       PICTURE X(12).                             CEL-1C
   47  CC3070     02  1TIT1        PICTURE X(70).                             CEL-1C
   48  CC3080     02  1TIT2        PICTURE X(70).                             CEL-1C
   49  CC3090     02  1DESC1       PICTURE X(70).                             CEL-1C
   50  CC3100     02  1DESC2       PICTURE X(70).                             CEL-1C
   51  CC3110     02  1DESC3       PICTURE X(70).                             CEL-1C
   52  CC3120     02  1DESC4       PICTURE X(70).                             CEL-1C
   53  CC3130     02  FILLER       PICTURE X(10).                             CEL-1C
   54  CC3140 WORKING-STORAGE SECTION.                                          CEL-1C
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    55   CC315C 77  SINAME          PICTURE X(6)    VALUE SPACES.                CEL-1C
    56   CC316C 77  SITE            PICTURE X(9)    VALUE SPACES.                CEL-1C
    57   CC317C 77  SIACT           PICTURE X(5)    VALUE SPACES.                CEL-1C
    58   CC318C 77  SCNG            PICTURE X       VALUE ' '.                   CEL-1C
    59   CC319C 77  SCEPT           PICTURE XXX     VALUE '   '.                 CEL-1C
    60   CC320C 77  SCIOC           PICTURE X       VALUE ' '.                   CEL-1C
    61   CC321C 77  D               PICTURE 99      VALUE 00.                    CEL-1C
    62   CC322C 77  M               PICTURE 99      VALUE 00.                    CEL-1C
    63   CC323C 77  YORN            PICTURE X       VALUE ' '.                   CEL-1C
    64   CC401C 77  CTR             PICTURE 9(6)    VALUE ZEROS.                 CEL-1C
    65   CC402C 77  J               PICTURE 999     VALUE ZEROS.                 CEL-1C
    66   CC403C 77  K               PICTURE 999     VALUE ZEROS.                 CEL-1C
    67   CC404C 77  M1              PICTURE 999     VALUE ZEROS.                 CEL-1C
    68   CC405C 77  LG              PICTURE 999     VALUE ZEROS.                 CEL-1C
    69   CC406C 77  A               PICTURE 99      VALUE ZEROS.                 CEL-1C
    70   CC407C 77  B               PICTURE 99      VALUE ZEROS.                 CEL-1C
    71   CC408C 77  C               PICTURE 99      VALUE ZEROS.                 CEL-1C
    72   CC409C 01  NAMC            PICTURE X       VALUE 'C'.                   CEL-1C
    73   CC410C 01  CTL-CARD.                                                    CEL-1C
    74   CC411C     02  FILLER      PICTURE X.                                   CEL-1C
    75   CC412C     02  OPT         PICTURE XX.                                  CEL-1C
    76   CC413C     02  FILLER      PICTURE X(9).                                CEL-1C
    77   CC414C     02  CTL         PICTURE X(6).                                CEL-1C
    78   CC415C     02  FILLER      PICTURE X(24).                               CEL-1C
    79   CC416C     02  PORT        PICTURE X.                                   CEL-1C
    80   CC417C     02  FILLER      PICTURE X(37).                               CEL-1C
    81   CC418C 01  HEAD-1.                                                      CEL-1C
    82   CC419C     02  FILLER      PICTURE X(31)   VALUE SPACES.                CEL-1C
    83   CC420C     02  FILLER      PICTURE X(24)   VALUE 'UNIVERSITY OF MISSOURI CEL-1C
    84   CC421C-        ' '.                                                     CEL-1C
    85   CC501C 01  HEAD-2.                                                      CEL-1C
    86   CC502C     02  FILLER      PICTURE X(30)   VALUE SPACES.                CEL-1C
    87   CC503C     02  FILLER      PICTURE X(23)   VALUE '  HEREBY CERTIFIES THA CEL-1C
    88   CC504C-        'T'.                                                     CEL-1C
    89   CC505C 01  HEAD-4.                                                      CEL-1C
    90   CC510C     02  FILLER      PICTURE X(22)   VALUE SPACES.                CEL-1C
    91   CC511C     02  FILLER      PICTURE X(40)   VALUE 'THE CONTINUING EDUCATI CEL-1C
    92   CC512C-        'ON PROGRAM TITLED:'.                                    CEL-1C
    93   CC513C 01  HEAD-5.                                                      CEL-1C
    94   CC514C     02  FILLER      PICTURE X(32)   VALUE SPACES.                CEL-1C
    95   CC515C     02  FILLER      PICTURE X(19)   VALUE 'PROGRAM DESCRIPTION'. CEL-1C
    96   CC516C 01  HEAD-6.                                                      CEL-1C
    97   CC517C     02  FILLER      PICTURE X(7)    VALUE SPACES.                CEL-1C
    98   CC518C     02  FILLER      PICTURE X(45)   VALUE 'IN RECOGNITION OF COMP CEL-1C
    99   CC519C-        'LETION OF THIS PROGRAM '.                               CEL-1C
   100   CC520C     02  HD2 OCCURS 5 TIMES PICTURE X.                           CEL-1C
   101   CC601C     02  FILLER      PICTURE X(21)   VALUE ' CONTINUING EDUCATION'. CEL-1C
   102   CC602C 01  HEAD-7.                                                      CEL-1C
   103   CC603C     02  FILLER      PICTURE X(7)    VALUE SPACES.                CEL-1C
   104   CC604C     02  FILLER      PICTURE X(29)   VALUE 'UNIT(S) HAVE BEEN AWARD CEL-1C
   105   CC605C-        'ED BY '.                                                CEL-1C
   106   CC606C     02  HD3         PICTURE X(40).                               CEL-1C
   107   CC6C3 01   ST-CEL.                                                      CEL-1C
   108   CC6C7      02  CEL OCCURS 4 TIMES PICTURE X.                           CEL-1C
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 105   CCE070 01  HEAD-E.                                                    CEL-10
 106   CCE080     02  FILLER        PICTURE X(55)   VALUE SPACES.          CEL-10
 107   CCE090     02  FILLER        PICTURE X(17)   VALUE 'CARL N. SCHNEEMAN'.  CEL-10
 108   CCE100 01  HEAD-S.                                                    CEL-10
 109   CCE110     02  FILLER        PICTURE X(55)   VALUE SPACES.          CEL-10
 110   CCE120     02  FILLER        PICTURE X(21)  VALUE 'VICE PRESIDENT OF THE'.  CEL-10
 111   CCE130 01  HEAD-10.                                                   CEL-10
 112   CCE140     02  FILLER        PICTURE X(55)   VALUE SPACES.          CEL-10
 113   CCE150     02  FILLER      PICTURE X(22)  VALUE 'UNIVERSITY OF MISSOURI'.  CEL-10
 114   CCE160 01  HEAD-11.                                                   CEL-10
 115   CCE170     02  FILLER        PICTURE X(55)   VALUE SPACES.          CEL-10
 116   CCE180     02  FILLER        PICTURE X(13)   VALUE 'FOR EXTENSION'.  CEL-10
 117   CCE190 01  HEAD-C            PICTURE X(37)   VALUE 'THE UNIVERSITY OF MISS  CEL-10
 118   CCE200-        'OURI - COLUMBIA'.                                     CEL-10
 119   CCE210 01  HEAD.                                                      CEL-10
 120   CCE220     02  FILLER        PICTURE X(41)   VALUE 'TOTAL NUMBER OF CERTIF  CEL-10
 121   CCE230-        'ICATES PREPARED    '.                                 CEL-10
 122   CCE240     02  HD            PICTURE ZZZ,ZZZ.                        CEL-10
 123   CCE250 01  HEAD-R            PICTURE X(34)   VALUE 'THE UNIVERSITY OF MISS  CEL-10
 124   CCE260-        'OURI - ROLLA'.                                        CEL-10
 125   CCE270 01  HEAD-K            PICTURE X(40)   VALUE 'THE UNIVERSITY OF MISS  CEL-10
 126   CCE280-        'OURI - KANSAS CITY'.                                  CEL-10
 127   CCE290 01  HEAD-S            PICTURE X(38)   VALUE 'THE UNIVERSITY OF MISS  CEL-10
 128   CCE300-        'OURI - ST. LOUIS'.                                    CEL-10
 129   CCE310 01  HEAD-L            PICTURE X(18)   VALUE 'LINCOLN UNIVERSITY'.  CEL-10
 130   CCE320 01  NAME.                                                      CEL-10
 131   CCE330     02  NAM OCCURS 30 TIMES.                                   CEL-10
 132   CCE340       03  SNAM        PICTURE X.                              CEL-10
 133   CCE350 01  ACTIVITY.                                                  CEL-10
 134   CCE360     02  ACTY OCCURS 5 TIMES.                                   CEL-10
 135   CCE370       03  ACT         PICTURE X.                              CEL-10
 136   CCE380 01  TIT-DESC.                                                  CEL-10
 137   CCE390     02  TIT OCCURS 70 TIMES.                                   CEL-10
 138   CCE400       02  TITL        PICTURE X.                              CEL-10
 139   CCE410 01  PRINT.                                                     CEL-10
 140   CCE420     02  PIX           PICTURE X.                              CEL-10
 141   CCE430     02  LN-1.                                                  CEL-10
 142   CCE440       03  FILLER      PICTURE X(27).                          CEL-10
 143   CCE450       03  PT1A.                                               CEL-10
 144   CCE460         04  PT1 OCCURS 30 TIMES PICTURE X.                    CEL-10
 145   CCE470       03  FILLER      PICTURE X(82).                          CEL-10
 146   CCE480     02  FILLER REDEFINES LN-1.                                CEL-10
 147   CCE490       03  FILLER      PICTURE X(27).                          CEL-10
 148   CCE500       03  PT1S OCCURS 31 TIMES PICTURE X.                     CEL-10
 149   CCE510       03  FILLER      PICTURE X(74).                          CEL-10
 150   CCE520     02  FILLER REDEFINES LN-1.                                CEL-10
 151   CCE530       03  FILLER      PICTURE X(7).                           CEL-10
 152   CCE540       03  PT2A.                                               CEL-10
 153   CCE550         04  PT2 OCCURS 70 TIMES PICTURE X.                    CEL-10
 154   CCE560     02  LN-2 REDEFINES LN-1.                                  CEL-10
 155   CCE570       03  FILLER      PICTURE X(9).                           CEL-10
 156   CCE580       03  PT3         PICTURE X(60).                          CEL-10
 157   CCE590       03  FILLER      PICTURE X(63).                          CEL-10
 158   CCE600     02  FILLER REDEFINES LN-1.                                 CEL-10
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LINE NO. SEQ. NO.          SOURCE STATEMENT

    163   CCE14C          03  FILLER      PICTURE X(37).                          CEL-10
    164   CCE153          03  PT4         PICTURE XXX.                            CEL-10
    165   CCE154          03  PT5         PICTURE X.                              CEL-10
    166   CCE155          03  PT6         PICTURE XX.                             CEL-10
    167   CCE156          03  PT7         PICTURE X.                              CEL-10
    168   CCE157          03  PT8         PICTURE X(4).                           CEL-10
    169   CCE158          03  FILLER      PICTURE X(64).                          CEL-10
    170   CCE15C 01   DATE.                                                        CEL-10
    171   CCE16C          02  FILLER      PICTURE X       VALUE ' '.              CEL-10
    172   CCE17C          02  DAY         PICTURE XX.                             CEL-10
    173   CCE18C          02  FILLER      PICTURE XXXX    VALUE ', 19'.           CEL-10
    174   CCE19C          02  YEAR        PICTURE XX.                             CEL-10
    175   CCE03C 01   ST-NAME.                                                     CEL-10
    176   CCE04C          02  STNAM OCCURS 300 TIMES.                            CEL-10
    177   CCE05C            03  STDEPT    PICTURE XXX.                            CEL-10
    178   CCE06C            03  STLCC     PICTURE X.                              CEL-10
    179   CCE07C            03  STNC      PICTURE X.                              CEL-10
    180   CCE08C            03  STNAME    PICTURE X(60).                          CEL-10
    181   CCE09C 01   STDES-DESC.                                                  CEL-10
    182   CCE1CC          02  ST-DESC OCCURS 300 TIMES.                          CEL-10
    183   CCE11C            03  SDEPT     PICTURE XXX.                            CEL-10
    184   CCE12C            03  SLCC      PICTURE X.                              CEL-10
    185   CCE13C            03  SNC       PICTURE X.                              CEL-10
    186   CCE14C            03  SDESC     PICTURE X(60).                          CEL-10
    187   C1CC9C 01   COMP-.                                                       CEL-10
    188   C1C1CC          02  COMP OCCURS 13 TIMES PICTURE X.                     CEL-10
    189   C1C13C 01   MO7.                                                         CEL-10
    190   C1C13E          02  FILMO7 OCCURS 9 TIMES PICTURE X.                    CEL-10
    191   C1C14C 01   DATE7.                                                       CEL-10
    192   C1C15C          02  DAY OCCURS 5 TIMES PICTURE X.                       CEL-10
    193   C1C16C PROCEDURE DIVISION.                                               CEL-10
    194   C1C17C          OPEN INPUT TAP-1, READR.    OPEN OUTPUT PRNTR.          CEL-10
    195   C1C1EC          ACCEPT CTL-CARD.                                         CEL-10
    196   C1C19C          IF CTL NOT = 'CEL-10' DISPLAY 'INVALID CONTROL' STOP RUN.  CEL-10
    197   C1C19E          MOVE 'COMPLETED ON ' TO COMPL.                           CEL-10
    198   C1C197          GO TO A12A.                                              CEL-10
    199   C1C2CC 1.                                                                CEL-10
    200   C11C1C          ADD 1 TO J.                                              CEL-10
    201   C11C2C          IF J > 3CC GO TO 2.                                      CEL-10
    202   C11C3C          MOVE SPACES TO STNAM (J), ST-DESC (J).                   CEL-10
    203   C11C4C          GO TO 1.                                                 CEL-10
    204   C11C5C 2.                                                                CEL-10
    205   C11C6C          MOVE ZEROS TO J.                                         CEL-10
    206   C11C7C A1.                                                               CEL-10
    207   C11C8C          READ READR AT END MOVE ALL '9' TO CARD.                  CEL-10
    208   C11C9C          IF CARD = ALL '9' GO TO F1.                              CEL-10
    209   C111CC          IF CLCC < SCLCC DISPLAY 'CARDS OUT OF SEQ ' CLCC STOP RUN.  CEL-10
    210   C1111C          IF CLCC = SCLCC GO TO B1.                                CEL-10
    211   C1112C          MOVE CLCC TO SCLCC.          MOVE CDEPT TO SCDEPT.       CEL-10
    212   C1113C          MOVE CNO TO SCNC.            GO TO C1.                   CEL-10
    213   C1114C B1.                                                               CEL-10
    214   C1115C          IF CDEPT < SCDEPT DISPLAY 'CARDS OUT SEQ ' CDEPT STOP RUN.  CEL-10
    215   C1116C          IF CDEPT = SCDEPT GO TO C1.                              CEL-10
    216   C1117C          MOVE CDEPT TO SCDEPT.        MOVE CNC TO SCNO.           CEL-10
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217  C1118C      GO TO D1.                                                    CEL-1C
218  C1119C E1.                                                               CEL-1C
219  C1120C      IF CNC < SCNC DISPLAY 'CARDS OUT OF SEQ ' CNC STOP RUN.      CEL-1C
220  C1201C      MOVE CNC TO SCNC.                                            CEL-1C
221  C1202C D1.                                                               CEL-1C
222  C1203C      IF CNC = '2' GO TO E1.          ADD 1 TO J.                  CEL-1C
223  C1204C      IF J > 300 DISPLAY 'TO MANY CARDS ' ACCEPT STOP RUN.         CEL-1C
224  C1205C      MOVE SPACES TO SNAM (J), ST-DESC (J).                        CEL-1C
225  C1206C      MOVE CDEPT TO STDEPT (J).   MOVE CLCC TO STLCC (J).          CEL-1C
226  C1207C      MOVE CNC TO STNC (J).       MOVE CNAM TO STNAME (J).         CEL-1C
227  C1208C      GO TO A1.                                                    CEL-1C
228  C1209C E1.                                                               CEL-1C
229  C1210C      MOVE CDEPT TO SDEPT (J).    MOVE CLCC TO SLCC (J).           CEL-1C
230  C1211C      MOVE CNC TO SNC (J).        MOVE CNAM TO SDESC (J).          CEL-1C
231  C1212C      GO TO A1.                                                    CEL-1C
232  C1213C F1.                                                               CEL-1C
233  C1214C      MOVE J TO M1.               MOVE 000 TO J.                   CEL-1C
234  C1215C A2.                                                               CEL-1C
235  C1216C      READ TAP-1 AT END MOVE ALL '9' TO 1-TAP.                     CEL-1C
236  C1217C      IF 1-TAP = ALL '9' GO TO F11.                                CEL-1C
237  C1218C      ADD 1 TO CTR.                                                CEL-1C
238  C1219C      IF IACT < SIACT DISPLAY 'TAPE OUT SEQ ' IACT STOP RUN.       CEL-1C
239  C1220C      IF IACT = SIACT GO TO B2.                                    CEL-1C
240  C1301C      MOVE IACT TO SIACT.                                          CEL-1C
241  C1302C      IF CPT = '02' MOVE IID TO SIID, ELSE MOVE INAM8 TO SINAM8.   CEL-1C
242  C1303C      GO TO A3.                                                    CEL-1C
243  C1304C B2.                                                               CEL-1C
244  C1305C      IF CPT = '02' GO TO C2.                                      CEL-1C
245  C1306C      IF INAM8 < SINAM8 DISPLAY 'TAPE OUT SEQ ' INAM8 STOP RUN.    CEL-1C
246  C1307C      MOVE SPACES TO SINAM8.      MOVE INAM8 TO SINAM8.            CEL-1C
247  C1308C      GO TO A3.                                                    CEL-1C
248  C1309C C2.                                                               CEL-1C
249  C1310C      IF IID < SIID DISPLAY 'TAPE OUT OF SEQ ' IID STOP RUN.       CEL-1C
250  C1311C      MOVE IID TO SIID.                                            CEL-1C
251  C1312C A3.                                                               CEL-1C
252  C1313C      MOVE SPACES TO PRINT.       MOVE '1' TO PTX.                 CEL-1C
253  C1314C      MOVE HEAD-1 TO LN-2.        PERFORM PT THRU PE.              CEL-1C
254  C1315C      MOVE SPACES TO PRINT.       MOVE '-' TO PTX.                 CEL-1C
255  C1316C      PERFORM PT THRU PE.         MOVE SPACES TO PRINT.            CEL-1C
256  C1317C      MOVE HEAD-2 TO LN-2.        PERFORM PT THRU PE.              CEL-1C
257  C1318C      MOVE SPACES TO PRINT.       MOVE '0' TO PTX.                 CEL-1C
258  C1319C      MOVE SPACES TO NAME.        MOVE INAM TO NAME.               CEL-1C
259  C1320C      MOVE ZEROES TO A, B, C, D.                                   CEL-1C
260  C1401C      MOVE 30 TO A.                                                CEL-1C
261  C1402C B3.                                                               CEL-1C
262  C1403C      IF SNAM (A) NOT = ' ' GO TO C3.                              CEL-1C
263  C1404C      SUBTRACT 1 FROM A.                                           CEL-1C
264  C1405C      IF A = 00 DISPLAY 'NO NAME ON ID ' IID STOP RUN.             CEL-1C
265  C1406C      GO TO B3.                                                    CEL-1C
266  C1407C C3.                                                               CEL-1C
267  C1408C      COMPUTE C = 33 - A.                                          CEL-1C
268  C1409C      COMPUTE D = C / 2.                                           CEL-1C
269  C1410C      IF D = 00 MOVE 01 TO D.                                      CEL-1C
270  C1411C      MOVE 01 TO B.                                                CEL-1C
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271   C1412C D3.                                                                CEL-1C
272   C1413C      MOVE SNAM (B) TO PT1 (D).     ADD 1 TO B.                     CEL-1C
273   C1414C      IF B > A GO TO A4.            ADD 1 TO D.                     CEL-1C
274   C1415C      GO TO D3.                                                     CEL-1C
275   C1416C A4.                                                                CEL-1C
276   C1417C      PERFORM PT THRU FE.           MOVE SPACES TO PRINT.           CEL-1C
277   C1418C      MOVE IID1 TO PT4.             MOVE IID2 TO PT5.               CEL-1C
278   C1419C      MOVE IID3 TO PT6.             MOVE '-' TO PT5, PT7.           CEL-1C
279   C1420C      PERFORM PT THRU FE.                                           CEL-1C
280   C1421C A5.                                                                CEL-1C
281   C14219      MOVE SPACES TO PRINT.         MOVE '-' TO PTX.                CEL-1C
282   C1422C      MOVE IDA TO DAY.              MOVE IYR TO YEAR.               CEL-1C
283   C1423C      IF IMO = '01' MOVE 'JANUARY   ' TO MO7.                       CEL-1C
284   C1424C      IF IMO = '02' MOVE 'FEBRUARY  ' TO MO7.                       CEL-1C
285   C1425C      IF IMO = '03' MOVE 'MARCH     ' TO MO7.                       CEL-1C
286   C1426C      IF IMO = '04' MOVE 'APRIL     ' TO MO7.                       CEL-1C
287   C1427C      IF IMO = '05' MOVE 'MAY       ' TO MO7.                       CEL-1C
288   C1428C      IF IMO = '06' MOVE 'JUNE      ' TO MO7.                       CEL-1C
289   C1429C      IF IMO = '07' MOVE 'JULY      ' TO MO7.                       CEL-1C
290   C1430C      IF IMO = '08' MOVE 'AUGUST    ' TO MO7.                       CEL-1C
291   C1431C      IF IMO = '09' MOVE 'SEPTEMBER' TO MO7.                        CEL-1C
292   C1432C      IF IMO = '10' MOVE 'OCTOBER   ' TO MO7.                       CEL-1C
293   C1433C      IF IMO = '11' MOVE 'NOVEMBER  ' TO MO7.                       CEL-1C
294   C1434C      IF IMO = '12' MOVE 'DECEMBER  ' TO MO7.                       CEL-1C
295   C1501C      MOVE DATE TO DATE7.           MOVE ZEROS TO A, B, C, D.       CEL-1C
296   C1502C      MOVE 09 TO A.                                                 CEL-1C
297   C1503C A5A.                                                               CEL-1C
298   C1504C      IF DTMO7 (A) NOT = ' ' GO TO A5B.                             CEL-1C
299   C1505C      SUBTRACT 1 FROM A.            GO TO A5A.                      CEL-1C
300   C1506C A5B.                                                               CEL-1C
301   C1507C      COMPUTE B = A + 22.           COMPUTE C = 33 - B.             CEL-1C
302   C1508C      COMPUTE D = C / 2.            IF C = 00 MOVE 01 TO D.         CEL-1C
303   C1509C      MOVE C1 TO B.                 MOVE 01 TO C.                   CEL-1C
304   C1510C A5C.                                                               CEL-1C
305   C1511C      MOVE COMP (C) TO PT9 (D).     ADD 1 TO C.                     CEL-1C
306   C1512C      ADD 1 TO D.                IF C > 13 GO TO A5D.               CEL-1C
307   C1513C      GO TO A5C.                                                    CEL-1C
308   C1514C A5D.                                                               CEL-1C
309   C1515C      MOVE DTMO7 (B) TO PT9 (D).       ADD 1 TO B.                  CEL-1C
310   C1516C      ADD 1 TO D.                IF B > A GO TO A5E.                CEL-1C
311   C1517C      GO TO A5D.                                                    CEL-1C
312   C1518C A5E.                                                               CEL-1C
313   C1519C      IF DA7 (2) = '0' GO TO A5F.                                   CEL-1C
314   C1519E      ADD 1 TO D.                                                   CEL-1C
315   C1520C      MOVE DA7 (2) TO PT9 (D).                                      CEL-1C
316   C1521C A5F.                                                               CEL-1C
317   C1522C      ADD 1 TO D.                   MOVE DA7 (3) TO PT9 (D).        CEL-1C
318   C1523C      ADD 1 TO D.                   MOVE DA7 (4) TO PT9 (D).        CEL-1C
319   C1524C      ADD 1 TO D.                   MOVE DA7 (5) TO PT9 (D).        CEL-1C
320   C1525C      ADD 1 TO D.                   MOVE DA7 (6) TO PT9 (D).        CEL-1C
321   C1C01C      ADD 1 TO D.                   MOVE DA7 (7) TO PT9 (D).        CEL-1C
322   C1C02C      ADD 1 TO D.                   MOVE DA7 (8) TO PT9 (D).        CEL-1C
323   C1C03C      ADD 1 TO D.                   MOVE DA7 (9) TO PT9 (D).        CEL-1C
324   C1C15C      PERFORM PT THRU FE.                                           CEL-1C
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LINE NO.  SEQ. NO.        SOURCE STATEMENT
    325   C1E6E6          MOVE SPACES TO PRINT.          MOVE '-' TO PTX.          CEL-1C
    326   C1E6F6          MOVE HEAD-4 TO LN-2.           PERFORM PT THRU PE.       CEL-1C
    327   C1E1CC B5.                                                               CEL-1C
    328   C1E11C          MOVE 1ACT TO ACTIVITY.         MOVE SPACES TO PRINT.     CEL-1C
    329   C1E12C          MOVE ZEROS TO A, B, C, D.      MOVE '0' TO PTX.          CEL-1C
    330   C1E13C          IF ITIT2 NOT = ALL ' ' GO TO A7.                         CEL-1C
    331   C1E14C          MOVE SPACES TO TIT-DESC.       MOVE ITIT1 TO TIT-DESC.   CEL-1C
    332   C1E15C C5.                                                               CEL-1C
    333   C1E16C          MOVE 70 TO A.                                            CEL-1C
    334   C1E17C          IF TIT (70) NOT = ' ' GO TO A6.                          CEL-1C
    335   C1E18C          IF TIT (69) NOT = ' ' GO TO A6.                          CEL-1C
    336   C1E19C          IF TIT (68) NOT = ' ' GO TO A6.                          CEL-1C
    337   C1E20C          IF TIT (67) NOT = ' ' GO TO A6.                          CEL-1C
    338   C1E21C          IF TIT (66) NOT = ' ' GO TO A6.                          CEL-1C
    339   C1E22C          IF TIT (65) NOT = ' ' GO TO A6.                          CEL-1C
    340   C1E23C          IF TIT (64) = ' ' GO TO B6.                              CEL-1C
    341   C17D1C A6.                                                               CEL-1C
    342   C17D2C          MOVE TIT-DESC TO PT2A.         PERFORM PT THRU PE.       CEL-1C
    343   C17D3C          MOVE SPACES TO PRINT.          MOVE ACTIVITY TO PT2A.    CEL-1C
    344   C17D4C          PERFORM PT THRU PE.            GO TO A8.                 CEL-1C
    345   C17D5C B6.                                                               CEL-1C
    346   C17D6C          IF TIT (A) NOT = ' ' GO TO C6.                           CEL-1C
    347   C17D7C          SUBTRACT 1 FROM A.             GO TO B6.                 CEL-1C
    348   C17D8C C6.                                                               CEL-1C
    349   C17D9C          COMPUTE B = A + 6.             COMPUTE C = 73 - B.       CEL-1C
    350   C17ECC          COMPUTE D = C / 2.             MOVE 01 TO P.             CEL-1C
    351   C17EDC          IF D = CC MOVE C1 TO D.                                  CEL-1C
    352   C17E1C D6.                                                               CEL-1C
    353   C17E2C          MOVE TIT (B) TO PT2 (D).       ADD 1 TO B.               CEL-1C
    354   C17E3C          IF B > A GO TO E6.             ADD 1 TO D.               CEL-1C
    355   C17E4C          GO TO D6.                                                CEL-1C
    356   C17E5C E6.                                                               CEL-1C
    357   C17E6C          ADD 5 TO D.                    MOVE ACTY (1) TO PT2 (D). CEL-1C
    358   C17E7C          ADD 1 TO D.                    MOVE ACTY (2) TO PT2 (D). CEL-1C
    359   C17E8C          ADD 1 TO D.                    MOVE ACTY (3) TO PT2 (D). CEL-1C
    360   C17E9C          ADD 1 TO D.                    MOVE ACTY (4) TO PT2 (D). CEL-1C
    361   C17ECC          ADD 1 TO D.                    MOVE ACTY (5) TO PT2 (D). CEL-1C
    362   C17F1C          PERFORM PT THRU PE.            GO TO A8.                 CEL-1C
    363   C1EC1C A7.                                                               CEL-1C
    364   C1EC2C          MOVE ITIT1 TO PT2A.            PERFORM PT THRU PE.       CEL-1C
    365   C1EC3C          MOVE SPACES TO TIT-DESC, PRINT.                          CEL-1C
    366   C1EC4C          MOVE ITIT2 TO TIT-DESC.        MOVE 70 TO A.             CEL-1C
    367   C1EC5C B7.                                                               CEL-1C
    368   C1EC6C          IF TIT (A) NOT = ' ' GO TO C7.                           CEL-1C
    369   C1EC7C          SUBTRACT 1 FROM A.             GO TO B7.                 CEL-1C
    370   C1EC8C C7.                                                               CEL-1C
    371   C1EC9C          IF A < 64 GO TO D7.            MOVE ITIT2 TO PT2A.       CEL-1C
    372   C1E1CC          PERFORM PT THRU PE.            MOVE SPACES TO PRINT.     CEL-1C
    373   C1E110          MOVE 1ACT TO PT2A.             PERFORM PT THRU PE.       CEL-1C
    374   C1E12C          GO TO A8.                                                CEL-1C
    375   C1E13C D7.                                                               CEL-1C
    376   C1E14C          MOVE C1 TO D, B.               CC TO D6.                 CEL-1C
    377   C1E15C A8.                                                               CEL-1C
    378   C1E16C          MOVE SPACES TO PRINT.          MOVE '-' TO PTX.          CEL-1C
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379   C1817C      MOVE HEAD-5 TO LN-2.          PERFORM PT THRU PE.          CEL-1C
380   C1818C      MOVE SPACES TO PRINT, TIT-DESC.                            CEL-1C
381   C1819C      MOVE '0' TO PTX.                                           CEL-1C
382   C1820C      IF 1DESC2 = ALL ' ' GO TO A9.                              CEL-1C
383   C1821C      MOVE 1DESC1 TO PT2A.          PERFORM PT THRU PE.          CEL-1C
384   C1822C      MOVE SPACES TO PRINT.         MOVE 1DESC2 TO PT2A.         CEL-1C
385   C1823C      PERFORM PT THRU PE.                                        CEL-1C
386   C1824C      IF 1DESC3 = ALL ' ' GO TO E9.                              CEL-1C
387   C1825C      MOVE SPACES TO PRINT.         MOVE 1DESC3 TO PT2A.         CEL-1C
388   C1826C      PERFORM PT THRU PE.                                        CEL-1C
389   C1827C      IF 1DESC4 = ALL ' ' GO TO E9.                              CEL-1C
390   C1828C      MOVE SPACES TO PRINT.         MOVE 1DESC4 TO PT2A.         CEL-1C
391   C1829C      PERFORM PT THRU PE.           GO TO E9.                    CEL-1C
392   C1830C A9.                                                             CEL-1C
393   C1831C      MOVE ZEROS TO A, B, C, D.     MOVE 1DESC1 TO TIT-DESC.     CEL-1C
394   C1832C      MOVE 70 TO A.                                              CEL-1C
395   C1833C B9.                                                             CEL-1C
396   C1834C      IF TIT (A) NOT = ' ' GO TO C9.                             CEL-1C
397   C1835C      SUBTRACT 1 FROM A.                                         CEL-1C
398   C1836C      IF A = 00 DISPLAY 'NO PROGRAM DESC ' 11C STOP RUN.         CEL-1C
399   C1837C      GO TO B9.                                                  CEL-1C
400   C1838C C9.                                                             CEL-1C
401   C1839C      COMPUTE B = 70 - A.           COMPUTE C = B / 2.           CEL-1C
402   C1840C      IF D = 00 MOVE C1 TO D.       MOVE 01 TO E.                CEL-1C
403   C2001C D9.                                                             CEL-1C
404   C2002C      MOVE TIT (B) TO PT2 (C).      ADD 1 TO B.                  CEL-1C
405   C2003C      IF B > A GO TO E9.            ADD 1 TO C.                  CEL-1C
406   C2004C      GO TO D9.                                                  CEL-1C
407   C2005C E9.                                                             CEL-1C
408   C2006C      PERFORM PT THRU PE.                                        CEL-1C
409   C2007C F9.                                                             CEL-1C
410   C2008C      MOVE SPACES TO PRINT.         MOVE SPACES TO ST-CEL,       CEL-1C
411   C2009C          HD2 (1), HD2 (2), HD2 (3), HD2 (4), HD2 (5).           CEL-1C
412   C2010C      MOVE 1CEL TO ST-CEL.                                       CEL-1C
413   C2011C      IF CEL (1) = '0' GO TO G9.                                 CEL-1C
414   C2012C      MOVE CEL (1) TO HD2 (1).      MOVE CEL (2) TO HD2 (2).     CEL-1C
415   C2013C      MOVE CEL (3) TO HD2 (3).      MOVE CEL (4) TO HD2 (5).     CEL-1C
416   C2014C      MOVE '.' TO PT4.              GO TO I9.                    CEL-1C
417   C2015C G9.                                                             CEL-1C
418   C2016C      IF CEL (2) = '0' GO TO H9.                                 CEL-1C
419   C2017C      MOVE CEL (2) TO HD2 (1).      MOVE CEL (3) TO HD2 (2).     CEL-1C
420   C2018C      MOVE CEL (4) TO HD2 (4).      MOVE '.' TO HD2 (3).         CEL-1C
421   C2019C      GO TO I9.                                                  CEL-1C
422   C2020C H9.                                                             CEL-1C
423   C2021C      MOVE CEL (3) TO HD2 (2).      MOVE CEL (4) TO HD2 (4).     CEL-1C
424   C2022C      MOVE '.' TO HD2 (3).                                       CEL-1C
425   C2023C I9.                                                             CEL-1C
426   C2024C      MOVE HEAD-6 TO LN-2.          MOVE '-' TO PTX.             CEL-1C
427   C2025C      PERFORM PT THRU PE.           MOVE SPACES TO PRINT, HD3.   CEL-1C
428   C2026C      MOVE ZEROS TO J, K, LC.       MOVE HI TO K.                CEL-1C
429   C2027C      COMPUTE J = K / 2.            ADD 1 TO K.                  CEL-1C
430   C2028C A10.                                                            CEL-1C
431   C2029C      IF STDEPT (J) = 1DEPT GO TO D10.                           CEL-1C
432   C2030C      IF STDEPT (J) < 1DEPT MOVE J TO LC, COMPUTE                CEL-1C
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LINE NO.  SEQ. NO.        SOURCE STATEMENT
  433     C2C16C              J = (J + K) / 2, GO TO B1C.
  434     C2C17C          MOVE J TO K.                COMPLETE J = (J + LC) / 2.
  435     C2C18C B1C.
  436     C2C19C          IF K - LC < 2 GO TO C1C.
  437     C2C20C          GO TO A1C.
  438     C21C1C C1C.
  439     C21C2C          DISPLAY 'NO MATCHING CARE ' ILEFT.
  440     C21C3C          GO TO A2.
  441     C21C4C D1C.
  442     C21C5C          IF STLOC (J) = 'C' MOVE HEAD-C TO HE3.
  443     C21C6C          IF STLOC (J) = 'R' MOVE HEAD-R TO HE3.
  444     C21C7C          IF STLOC (J) = 'K' MOVE HEAD-K TO HE3.
  445     C21C8C          IF STLOC (J) = 'S' MOVE HEAD-S TO HE3.
  446     C21C9C          IF STLOC (J) = 'L' MOVE HEAD-L TO HE3.
  447     C211C0          MOVE HEAD-7 TO LN-2.        PERFORM PT THRU PE.
  448     C2111C          MOVE SPACES TO PRINT.       MOVE STNAME (J) TO PT3.
  449     C2112C          PERFORM PT THRU PE.
  450     C2113C          IF SDEPT (J) NOT = STDEPT (J) GO TO A11.
  451     C2114C          MOVE SPACES TO PRINT.       MOVE SDESC (J) TO PT3.
  452     C2115C          PERFORM PT THRU PE.
  453     C2116C A11.
  454     C2117C          MOVE SPACES TO PRINT.       MOVE '0' TO PTX.
  455     C2118C          PERFORM PT THRU PE.         MOVE SPACES TO PRINT.
  456     C2119C          MOVE '-' TO PTX.            MOVE HEAD-8 TO LN-2.
  457     C212C0          PERFORM PT THRU PE.         MOVE SPACES TO PRINT.
  458     C22010          MOVE HEAD-9 TO LN-2.        PERFORM PT THRU PE.
  459     C2202C          MOVE SPACES TO PRINT.       MOVE HEAD-10 TO LN-2.
  460     C2203C          PERFORM PT THRU PE.         MOVE SPACES TO PRINT.
  461     C2204C          MOVE HEAD-11 TO LN-2.       PERFORM PT THRU PE.
  462     C2205C          GO TO A2.
  463     C2206C B11.
  464     C2207C          MOVE SPACES TO PRINT.       MOVE '1' TO PTX.
  465     C2208C          MOVE CTR TO HD.             MOVE HEAD TO LN-2.
  466     C2209C          PERFORM PT THRU PE.
  467     C221C0          CLOSE TAP-1 WITH LOCK.
  468     C2211C          CLOSE READR.
  469     C2212C          CLOSE PRNTR.
  470     C2213C          IF PORT = 'P' STOP RUN.
  471     C2214C          ENTER LINKAGE.
  472     C2215C          CALL 'DPPRINT' USING PARM.
  473     C2216C          ENTER COBOL.
  474     C2217C          STOP RUN.
  475     C2218C PT.
  476     C2219C          IF PORT = 'T' GO TO A12.
  477     C2220C          MOVE SPACES TO PRT.
  478     C23010          MOVE PRINT TO PRT.
  479     C2302C          WRITE PRT AFTER ADVANCING PTX.
  480     C2303C          GO TO PE.
  481     C2304C A12.
  482     C2305C          ENTER LINKAGE.
  483     C2306C          CALL 'DPPRINT' USING PRINT.
  484     C2307C          ENTER COBOL.
  485     C2308C PE.
  486     C2309C          EXIT.
```

CEL-1C

```
 487   C2310C A12A.                                                                  CBL-10
 488   C2311C      MOVE SPACES TO PRINT.          MOVE '1' TO PTX.                   CBL-10
 489   C2312C      GO TO B12A.                                                       CBL-10
 490   C2313C B12.                                                                   CBL-10
 491   C2314C      MOVE SPACES TO PRINT.                                             CBL-10
 492   C2315C B12A.                                                                  CBL-10
 493   C2316C      MOVE ALL 'X' TO PT2A.          PERFORM PT THRU PE.                CBL-10
 494   C2317C      ADD 1 TO W.                IF W = 38 GO TO C12.                   CBL-10
 495   C2318C      GO TO B12.                                                        CBL-10
 496   C2319C C12.                                                                   CBL-10
 497   C2320C      DISPLAY 'OPERATOR: BE SURE X   ARE IN MIDDLE OF PAPER BOTH UP     CBL-10
 498   C2321C-         ' & DOWN & ACROSS' UPON CONSOLE.                              CBL-10
 499   C2322C      DISPLAY 'IF LINAGE OK ENTER "Y", IF NOT OK ENTER "N", ALT 5 T     CBL-10
 500   C2323C-         'O GO' UPON CONSOLE.                                          CBL-10
 501   C2324C D12.                                                                   CBL-10
 502   C2325C      ACCEPT YORN FROM CONSOLE.                                         CBL-10
 503   C2326C      IF YORN = 'Y' GO TO 1.                                            CBL-10
 504   C2327C      IF YORN NOT = 'N' DISPLAY                                         CBL-10
 505   C2328C          'INVALID RESPONSE DUMMY, TRY AGAIN' UPON CONSOLE,             CBL-10
 506   C2329C              GO TO D12.                                                CBL-10
 507   C2401C      MOVE CC TO W.                  MOVE ' ' TO YORN.                  CBL-10
 508   C2402C      GO TO A12A.                                                       CBL-10
```

TYPE	LOCATION	DATA NAME
FILE		PRINTR
REC	CCCCCC0	PRT
FILE		READER
REC	CCCCCCC	CARD
	CCCCCCC	CDEPT
	CCCCCC3	CLCC
	CCCCCC4	CNO
	CCCCCC5	CNAM
FILE		TAPE-1
REC	CCCCCCC	1-TAP
	CCCCCCC	IIC
	CCCCCC0	IID1
	CCCCCC3	IID2
	CCCCCC5	IID3
	CCCCCCD	INAM8
	CCCCC15	INAM
	CCCCCFD	IACT
	CCCCCC9	IDATE
	CCCCCC9	IMO
	CCCCCC8	IDA
	CCCCCCD	IYR
	CCCCCD3	ICEL
	CCCCCD7	IDEPT
	CCCCCE6	ITIT1
	CCCC12C	ITIT2
	CCCC172	IDESC1
	CCCC1B8	IDESC2
	CCCC1FE	IDESC3
	CCCC244	IDESC4
	CCCCCCC	S1NAM8
	CCCCCCE	S1IC
	CCCCC11	S1ACT
	CCCCC16	SCNO
	CCCCC17	SCDEPT
	CCCCC1A	SCLCC
	CCCCC1B	C
	CCCCC1D	6
	CCCCC1F	YCRN
	CCCCC20	CTR
	CCCCC26	~
	CCCCC29	K
	CCCCC2C	HI
	CCCCC2F	LC
	CCCCC32	A
	CCCCC34	B
	CCCCC36	C
REC	CCCCC38	NAME
REC	CCCCC4C	CTL-CARD
	CCCCC41	CPT
	CCCCC4C	CTL
	CCCCC6A	FCRT

TYPE	LOCATION	DATA NAME
REC	CCCC050	HEAD-1
REC	CCCC0C8	HEAD-2
REC	CCCC140	HEAD-4
REC	CCCC1A0	HEAD-5
REC	CCCC178	HEAD-6
	CCCC1AC	HD2
REC	CCCC1C8	HEAD-7
	CCCC1EC	HD3
REC	CCCC218	ST-CEN
	CCCC218	CEL
REC	CCCC220	HEAD-8
REC	CCCC268	HEAD-9
REC	CCCC288	HEAD-10
REC	CCCC3C8	HEAD-11
REC	CCCC350	HEAD-C
REC	CCCC378	HEAD
	CCCC3A1	HD
REC	CCCC3A8	HEAD-B
REC	CCCC3D0	HEAD-K
REC	CCCC3F8	HEAD-S
REC	CCCC420	HEAD-L
REC	CCCC43E	NAME
	CCCC438	NAM
	CCCC43E	SNAM
REC	CCCC45E	ACTIVITY
	CCCC45E	ACTY
	CCCC45E	ACT
REC	CCCC460	TIT-DESC
	CCCC46C	TIT
	CCCC4EC	TITL
REC	CCCC4A8	PRINT
	CCCC4A8	PTX
	CCCC4A5	LN-1
	CCCC4C4	PT1A
	CCCC4C4	PT1
	CCCC4A9	FILLER
	CCCC4C4	PT9
	CCCC4A5	FILLER
	CCCC4BC	PT2A
	CCCC4BC	PT2
	CCCC4A5	LN-2
	CCCC4B2	PT3
	CCCC4A9	FILLER
	CCCC4CF	PT4
	CCCC4D1	PT5
	CCCC4D2	PT6
	CCCC4D4	PT7
	CCCC4D5	PT8
REC	CCCC538	DATE
	CCCC535	DAY
	CCCC53F	YEAR

TYPE	LOCATION	DATA NAME
REC	CCC0548	ST-NAME
	CCC0548	STNAM
	CCC0548	STDEPT
	CCC0548	STLLC
	CCC054C	STAC
	CCC0540	STNAME
REC	CCC5178	STORE-DESC
	CCC5178	ST-DESC
	CCC5178	SDEPT
	CCC5178	SLCC
	CCC517C	SAC
	CCC5170	SDESC
REC	CCC9DA8	CCNFL
	CCC9DA8	CCNF
REC	CCC9DB8	MC7
	CCC9DB8	DTMC7
REC	CCC9DC8	DATE7
	CCC9DC8	DA7

LINE/POS	ADDR	INSTRUCTION
00194 01	00BF1C	ENTRY
00194 01	00BF4E	D7 B6 3 01C 3 C10
00194 01	00BF5C	58 CC 3 1F8
00194 01	00BF6A	41 CC 7 EFE
00194 01	00BF78	41 CC 7 E2E
00194 01	00BF84	5C CC 7 E38
00194 01	00BF92	5C CC 7 E2C
00194 01	00BFA0	41 1C 9 C76
00194 01	00BFAA	41 1C 9 CEE
00194 01	00BFB4	D2 C3 3 19C 7 EA0
00194 07	00BFC4	D7 B6 3 01C 3 C1C
00194 07	00BFD2	D7 C3 7 DEE 7 DD8
00194 07	00BFE0	D2 CC 7 DFC 9 CEE
00194 07	00BFEE	41 CC 3 01C
00194 07	00BFF8	41 CC 3 01C
00195 01	00C00A	41 1C A 040
00196 01	00C010	C5 FF
00196 06	00C01C	58 FC 3 1DE
00196 06	00C028	41 1C 1 0CF
00196 08	00C032	CA CE
00200 01	00C03E	F2 F2 3 1EE A C26
00200 01	00C05C	5E FC A C28
00201 05	00C06C	47 20 3 41E
00202 01	00C06E	4F 1C 3 0BC
00202 01	00C078	1A 21
00202 01	00C07C	D2 3F E CC1 8 0C0
00202 01	00C08E	F2 72 3 0F0 A 026
00202 01	00C09A	4C 1C 9 A78
00202 01	00C0A4	5E BC 3 19E
00203 01	00C0B2	47 FC 3 3AE
00207 01	00C0C0	41 10 7 E28
00207 01	00C0CC	D2 C3 3 1FC 7 E40
00207 05	00C0DE	52 F5 C 0C0
00208 01	00C0EC	5E BC 3 18C
00208 01	00C0FA	D5 4E B CC1 B 0C0
00209 01	00C108	D5 CC C CC3 A C1A
00209 05	00C116	C5 FF
00209 05	00C122	D2 CC 1 0CC C 0C3
00209 05	00C13C	C5 FF
00210 01	00C13E	D5 CC B CC3 A C1A
00211 01	00C146	D2 CC A C1A C 0C3
00212 06	00C158	47 FC 3 550
00214 01	00C166	47 BC 3 4F4
00214 05	00C17C	D2 CD 1 0CC 9 AD3
00214 05	00C18C	41 1C 1 0C3
00214 08	00C18A	CA CE
00215 05	00C19E	47 BC 3 516
00216 06	00C1A4	D2 CC A C16 B CC4
00219 01	00C1B2	D5 CC C CC4 A C16
00219 05	00C1C0	C5 FF
00219 05	00C1CC	D2 CC 1 CCC C 0C4

LINE/POS	ADDR	INSTRUCTION
00194 01	00BF42	56 0C 3 1F0
00194 01	00BF54	41 0C 7 E68
00194 01	00BF60	50 00 7 E78
00194 01	00BF6E	50 00 7 E6C
00194 01	00BF7C	50 0C 3 014
00194 01	00BF88	D7 03 7 E28 7 E28
00194 01	00BF96	D2 06 7 E30 9 C86
00194 01	00BFA4	41 00 3 010
00194 01	00BFAE	41 00 3 010
00194 01	00BFBA	D2 03 3 18C 7 E60
00194 07	00BFCA	41 00 7 EE8
00194 07	00BFD8	41 00 9 968
00194 07	00BFEE	52 0A 3 014
00194 07	00BFF2	0A 02
00194 07	00BFFC	0A 02
00195 01	00C00A	41 20 A 080
00196 01	00C012	C5 05 A 04C 9 A7C
00196 06	00C020	05 EF
00196 06	00C02C	58 F0 3 1CC
00197 01	00C034	D2 0C 7 DA8 9 BE1
00200 01	00C044	FA F0 3 168 9 AC9
00201 01	00C054	F2 12 3 038 A 026
00202 01	00C064	41 20 A 548
00202 01	00C072	06 10
00202 01	00C07A	18 82
00202 01	00C08C	58 C0 3 194
00202 01	00C094	4F 10 3 0F0
00202 01	00C09E	1A 21
00202 01	00C0AB	92 40 B 000
00205 01	00C0B6	52 F0 A 026
00207 01	00C0C4	41 00 3 442
00207 01	00C0D6	47 F0 3 450
00207 05	00C0E2	D2 4E C 001 C 000
00208 01	00C0FC	D5 00 B 000 3 038
00208 01	00C100	47 B0 3 720
00209 01	00C10E	47 B0 3 49C
00209 05	00C118	D2 10 1 000 9 ACA
00209 05	00C128	41 10 1 001
00209 05	00C132	0A 0E
00210 01	00C13E	47 B0 3 4C4
00211 01	00C14C	D2 02 A C17 C 000
00214 01	00C15C	58 B0 3 18C
00214 05	00C16A	58 F0 3 1D8
00214 05	00C176	41 10 1 00E
00214 05	00C184	58 F0 3 1EC
00215 01	00C18C	58 C0 3 18C
00216 01	00C19A	58 B0 3 18C
00217 01	00C1AA	47 F0 3 550
00219 01	00C1B8	47 B0 3 546
00219 05	00C1C2	D2 10 1 000 9 ACA
00219 05	00C1D2	41 10 1 001

LINE/POS	ADDR	INSTRUCTION
00194 01	00BF4C	CA 10
00194 01	00BF58	5C CC 3 01C
00194 01	00BF64	D7 C3 7 E68 7 E68
00194 01	00BF72	D2 CE 7 E7C 5 C7E
00194 01	00BF80	5E CC 3 1FC
00194 01	00BF8E	41 C0 9 8C8
00194 01	00BF9C	92 CA 3 018
00194 01	00BFA8	0A C2
00194 01	00BFB2	CA C2
00194 01	00BFC0	96 10 7 E88
00194 07	00BFCE	5C CC 3 01C
00194 07	00BFDC	5C C0 7 DEC
00194 07	00BFEA	41 10 9 C76
00194 07	00BFF4	41 10 9 C66
00194 07	00BFFE	D2 C3 3 1EE 7 EC0
00195 01	00C00C	96 F0 3 1F0
00196 01	00C018	57 EC 3 39C
00196 06	00C022	D2 CF 1 0CC 9 ABA
00196 06	00C030	05 EF
00198 01	00C03A	47 F0 5 252
00200 01	00C04A	F3 2F A 026 3 168
00201 01	00C05A	F5 11 3 C3E 5 A82
00202 01	00C068	F2 72 3 0BC A C26
00202 01	00C074	4C 10 9 A78
00202 01	00C07C	92 40 8 0C0
00202 01	00C0BA	41 20 C 178
00202 01	00C0C8	C6 10
00202 01	00C0AC	5C 20 3 15E
00202 01	00C0AC	D2 3F B 0C1 B 0C0
00205 01	00C0DA	D2 C1 A 027 A C26
00207 01	00C0C8	5E FC 3 1F4
00207 05	00C0EA	5E CC 3 18C
00208 01	00C0FE	52 F5 3 038
00208 01	00C0FE	47 70 3 4EE
00209 01	00C1C4	5E CC 3 1CC
00209 05	00C112	5E FC 3 1DE
00209 05	00C11E	41 1C 1 011
00209 05	00C12C	5E F0 3 1DC
00210 01	00C134	5E BC 3 18C
00211 01	00C142	5E CC 3 18C
00212 01	00C152	D2 CC A 016 C 0C4
00214 01	00C16C	D5 C2 B 0CC A C17
00214 05	00C16E	05 EF
00214 05	00C17A	D2 C2 1 0C0 B 0C0
00214 05	00C188	05 EF
00215 01	00C19C	D5 C2 C 0CC A C17
00216 01	00C19E	D2 C2 A 017 B 0C0
00219 01	00C1AE	5E CC 3 1EC
00219 05	00C1BC	5E FC 3 1D8
00219 05	00C1C8	41 1C 1 011
00219 05	00C1CE	5E FC 3 1DC

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LINE/PCS  ADDR      INSTRUCTION
00214 05  000100A   05 EF
00220 01  000100E   D2 CC A 016 B 0C4
00222 05  0001F2    47 EC 3 6E4
00222 09  000202    F3 2F A 02E 3 16B
00223 01  000212    F5 11 3 C2E 5 AE2
00223 05  000220    05 EF
00223 05  00022C    5B BC 3 1EC
00223 05  00023A    5E FC 3 1DC
00224 01  000242    41 20 A 54B
00224 01  000250    C6 10
00224 01  000258    1E E2
00224 01  000264    5E CC 3 194
00224 01  000272    4F 10 3 0B0
00224 01  00027C    1A 21
00224 01  0002EE    52 4C 6 0CC
00225 01  000294    F2 72 3 0BC A C26
00225 01  0002A0    4C 10 9 A78
00225 01  0002AB    5B CC 3 1EC
00225 05  0002B6    F2 72 3 0BC A C26
00225 05  0002C2    4C 10 9 A78
00225 09  0002CA    5B BC 3 1EC
00226 01  0002DB    F2 72 3 0BC A C26
00226 01  0002E4    4C 10 9 A7E
00226 01  0002FC    5B CC 3 1EC
00226 05  0002FA    F2 72 3 0BC A C26
00226 05  00030C    4C 10 9 A78
00226 09  00030E    5B BC 3 1BC
00229 01  00031C    5E CC 3 194
00229 01  00032A    4F 10 3 0B0
00229 01  000334    1A 21
00229 01  00033C    D2 02 8 0CC B CCC
00229 09  00034A    F2 72 3 0BC A 026
00229 09  00035E    4C 10 9 A78
00229 09  00035E    5E BC 3 1EC
00230 01  00036C    41 20 C 17C
00230 01  00037A    CE 10
00230 01  000382    1E 82
00230 05  00038E    5E CC 3 194
00230 05  00039C    4F 10 3 0B0
00230 05  0003AE    1A 21
00230 09  0003AE    D2 3B 8 CCC B CC5
00233 06  0003BE    D2 C2 A 02E 9 BEE
00235 01  0003CC    5E FC 3 1F4
00235 05  0003DC    5B CC 3 19C
00235 05  0003EE    5B FC 3 1D4
00236 01  0003F4    5B BC 3 19C
00236 01  0004CC    1E 21
00236 01  0004CA    47 7C 3 7BC
00236 01  000414    47 7C 3 76C
00237 01  000422    FA FC 3 16E 5 AC5
00238 01  000432    5E CC 3 190

LINE/PCS  ADDR      INSTRUCTION
00215 CE  0001EC    0A 0E
00222 01  0001F8    58 C0 3 13C
00222 05  0001F6    F2 F2 3 16B A 026
00222 09  0002DB    9C F0 A 02B
00223 01  0002EB    47 D0 3 5AA
00223 05  000222    D2 0E 1 000 9 AE9
00223 05  000230    D2 02 1 000 B 000
00223 05  00023E    05 FF
00224 01  000246    F2 72 3 0BC A 026
00224 01  000252    4C 10 9 A78
00224 05  00025A    52 4C 8 C00
00224 01  000268    41 20 C 178
00224 01  000276    C6 10
00224 01  00027E    50 20 3 198
00224 01  0002BA    D2 3F 8 001 8 000
00224 01  0002CA    4F 10 3 0B0
00224 01  0002E8    1A 21
00224 01  0002AC    D2 02 8 C00 C 000
00224 05  0002BC    4F 10 3 0B0
00224 05  0002C6    1A 21
00224 05  0002CE    D2 00 8 000 B 003
00226 01  0002DE    4F 10 3 0F0
00226 01  0002E8    1A 21
00226 01  0002FC    D2 00 8 000 C 004
00226 05  00030C    4F 10 3 0B0
00226 05  00030A    1A 21
00226 05  000312    D2 3E 8 000 B 005
00229 01  00032C    41 20 C 178
00229 01  00032E    C6 10
00229 01  000336    1B 82
00229 05  000342    56 C0 3 194
00229 05  00035C    4F 10 3 0E0
00229 05  00035A    1A 21
00229 05  000362    D2 00 8 000 B 003
00230 01  00037C    F2 72 3 0BC A 026
00230 01  00037C    4C 10 9 A78
00230 01  0003B4    58 B0 3 18C
00230 01  000392    41 20 C 17C
00230 05  0003AC    C6 10
00230 05  0003AB    1B 82
00231 01  0003B4    47 F0 3 42E
00235 01  0003C4    41 10 7 F68
00235 01  0003D4    50 20 3 190
00235 05  0003EC    92 F9 C 000
00235 05  0003FC    05 FF
00236 01  0003FE    41 10 F 000
00236 01  0004D2    1A 20
00236 01  0004DE    41 10 1 001
00236 06  000418    47 80 5 09E
00237 01  00042E    F3 5F A 020 3 16B
00238 01  000436    D5 04 C 0FE A 011

LINE/PCS  ADDR      INSTRUCTION
00220 01  0001EE    5E BC 3 1EC
00222 01  0001EC    D5 CC C 0C4 9 AE4
00222 05  0001FC    FA FC 3 16E 9 AC9
00223 01  0002CC    F2 12 3 02E A C26
00223 05  0002DC    5E FC 3 1DE
00223 05  0002EB    41 10 1 0CE
00223 05  0002F6    41 10 1 0C3
00223 08  0002FC    CA CE
00224 01  0002FC    4F 10 3 0BC
00224 01  0002FE    1A 21
00224 01  0002FE    D2 3F 8 0C1 8 CC0
00224 01  0002EC    F2 72 3 0BC A C26
00224 01  0002F8    4C 10 9 A7E
00224 01  0002E2    5E BC 3 19E
00225 01  0002FC    41 20 A 54B
00225 01  0002FE    C6 10
00225 01  0002AE    1B E2
00225 05  0002B2    41 20 A 54B
00225 05  0002CC    C6 10
00225 05  0002CE    1B E2
00226 01  0002D4    41 20 A 54C
00226 01  0002E2    C6 10
00226 01  0002EA    1B E2
00226 05  0002FE    41 20 A 54D
00226 05  0003C4    C6 10
00226 05  0003CC    1B E2
00227 01  000318    47 F0 3 42E
00229 01  000324    F2 72 3 0B0 A C26
00229 01  000330    4C 10 9 A7E
00229 01  000338    5B BC 3 1EC
00229 05  000346    41 20 C 17B
00229 05  0003B4    C6 10
00229 05  0003BC    1B E2
00230 01  0003EE    5E CC 3 194
00230 01  000376    4F 10 3 0B0
00230 01  0003EC    1A 21
00230 01  0003E8    D2 C0 8 0CC B CC4
00230 05  0003B6    F2 72 3 0BC A 026
00230 05  0003A2    4C 10 9 A78
00230 05  0003AA    5E BC 3 18C
00233 01  0003BE    D2 C2 A 02C A C26
00235 01  0003C8    41 C0 3 744
00235 01  0003D8    47 F0 3 75E
00235 05  0003E4    41 20 C 0CC
00236 01  0003FC    52 F9 3 03E
00236 01  0003FC    41 CC 0 2B4
00236 01  0004C4    D5 CC 3 03E 1 CC0
00236 01  000412    19 21
00237 01  00041C    F2 F5 3 16E A C2C
00238 01  00042E    5E FC A 025
00238 01  00043C    47 BC 3 7CA
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LINE/POS	ADDR	INSTRUCTION	LINE/POS	ADDR	INSTRUCTION	LINE/POS	ADDR	INSTRUCTION
00236 05	000440	58 FC 3 1D8	00238 05	000444	05 EF	00238 05	000446	D2 CC 1 CCC S AF7
00238 05	000448	41 10 1 0CD	00238 05	000450	D2 04 1 C00 C 0BD	00238 05	000456	41 10 1 0C5
00238 05	00045A	58 FC 3 1DC	00238 05	00045E	05 EF	00238 05	00046C	CA CE
00239 01	000462	58 BC 3 190	00239 01	000466	D5 04 E CPC A 011	00239 01	00046C	47 EC 3 8C4
00240 01	000470	58 CC 3 19C	00240 01	000474	D2 04 A 011 C 0BD	00241 01	000478	D5 C1 A C41 S AE5
00241 01	000480	47 70 3 7FE	00241 05	000484	D2 08 A C08 C 000	00241 01	00048A	47 F0 3 8CC
00241 11	000488	58 BC 3 19C	00241 11	000492	D2 07 A C00 B 00C	00242 01	000498	47 FC 3 8SC
00244 01	00049C	D5 01 A 041 S AE5	00244 05	0004A2	47 80 3 E56	00245 01	0004A6	5E CC 3 19C
00245 01	0004AA	D5 C7 C 0C0 A 0C0	00245 01	0004FC	47 F0 3 83E	00245 05	0004B4	5E FC 3 1DE
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00245 05	0004C4	D2 C7 1 CCC C CC0	00245 05	0004CA	41 10 1 C08	00245 05	0004CE	5E FC 3 1DC
00245 05	0004D2	C5 EF	00245 C8	0004D4	0A 0F	00246 01	0004DE	52 40 A 0CC
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00247 01	0004EA	47 FC 3 890	00249 01	0004EE	58 C0 3 190	00249 01	0004F2	D5 CB C 0CC A 0C8
00249 01	0004FE	47 EC 3 88E	00249 05	0004FC	58 F0 3 1D8	00249 05	0005CC	C5 EF
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00253 01	000538	D2 3E A 4A5 A C5C	00253 01	00053E	52 40 A 4L0	00253 01	000542	D2 4B A 4E1 A 4EC
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00253 06	00055E	D2 C1 5 25C 3 2CE	00254 01	00055E	52 40 A 4A8	00254 01	000562	D2 EA A 4A5 A 4A8
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00256 06	0005AA	47 FC 5 18E	00256 06	0005AE	D2 01 5 250 3 216	00257 01	0005B4	52 40 A 4A8
00257 01	0005BE	D2 BA A 4A5 A 4A8	00257 06	0005BE	D2 00 A 4A8 9 AA7	00258 01	0005C4	52 40 A 43E
00258 01	0005C8	D2 1C A 435 A 438	00258 06	0005CE	58 C0 3 190	00258 06	0005D2	D2 1D A 43E C C15
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00259 01	0005E6	D2 DC A C35 A C34	00259 01	0005EC	52 F0 A 036	00259 C1	0005FC	D2 CC A C37 A C36
00259 C1	0005F6	52 FC A C1B	00259 C1	0005FA	D2 00 A C1C A C1B	00260 C1	000600	D2 C1 A C32 S BF3
00262 C1	000606	41 20 A 438	00262 C1	00060A	F2 71 3 0BC A 032	00262 C1	000610	4F 10 3 0B0
00262 C1	000614	C6 1C	00262 C1	000616	4C 10 9 A7A	00262 01	000618	1A 21
00262 C1	00061C	18 82	00262 C1	00061E	D5 0C 8 C00 9 A87	00262 09	000624	47 7C 3 9EC
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00263 01	00063A	56 FC A 033	00264 C1	00063E	F2 11 3 C38 A 032	00264 01	000644	F5 11 3 03E S AE8
00264 01	00064A	47 7C 3 90C	00264 C5	00064E	58 F0 3 1D8	00264 05	000652	C5 EF
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00264 C5	000662	D2 CE 1 CCC B CCC	00264 C5	00066B	41 10 1 009	00264 05	00066C	5E FC 3 1DC
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00267 01	00068A	F3 1F A 03E 3 16B	00267 C1	000690	96 FC A C37	00268 01	000694	C7 1D 3 02C 3 C2C
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00268 C1	0006AC	FD 20 3 16E S AEC	00268 C1	0006B2	F3 21 3 020 3 168	00268 C1	0006HB	D3 CC 3 021 3 022
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00269 C1	0006CE	F5 11 3 C3E S AEB	00269 C1	0006D4	47 70 3 A46	00269 05	0006DE	D2 C1 A C1B 9 AED
00270 01	0006DE	D2 01 A 034 S AED	00272 C1	0006E4	41 20 A 438	00272 01	0006EE	F2 71 3 0BC A C34
00272 C1	0006FE	4F 10 3 0BC	00272 C1	0006F2	06 10	00272 C1	0006F4	4C 10 9 A7A
00272 C1	0006F8	1A 21	00272 C1	0006FA	18 82	00272 C1	0006FC	41 20 A 4C4
00272 C1	000700	F2 71 3 0BC A C1B	00272 C1	000706	4F 10 3 0B0	00272 C1	00070A	C6 1C

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00272 C1 0CC710   5E CC 3 19E          CC272 C1 CCC71A   D2 00 C C30 B 000    00272 12 CCC72C   F2 F1 3 1EE A C34
00272 12 CCC72E   FA FC 3 1EE 9 AC9    CC272 12 CCC72C   F2 1F A C34 3 168    00272 12 CCC732   5C FC A 035
00273 C1 CCC736   F2 11 3 C3E A C34    CC273 C1 CCC73C   F2 11 3 C5A A 032    00273 C1 CCC742   F5 11 3 C3E 3 C54
00273 C5 CCC748   47 2C 3 ACE          CC273 C9 CCC74C   F2 F1 3 1E8 A 01E    00273 09 CCC752   FA FC 3 1EE 9 AC9
00273 09 CCC75E   F3 1F A 01A 3 1EE    CC273 C9 CCC75E   56 FC A C1C          00274 01 CCC762   47 FC 3 A4C
00276 C1 CCC766   E2 C1 5 21A 5 25C    CC276 C1 CCC76E   D2 01 5 250 3 21A    00276 C1 CCC772   47 FC 5 1EE
00276 C1 CCC77C   D2 C1 5 25C 3 21A    CC276 C6 CCC77C   52 40 A 4A6          00276 C6 CCC78C   D2 EA A 4A5 A 4AE
00277 01 CCC7E6   5E BC 3 190          CC277 C1 CCC76A   F2 02 A 4CE B 000    00277 C6 CCC79C   D2 C1 A 4D2 B 0C3
00278 C1 CCC7A6   D2 03 A 4E5 B CC5    CC278 C6 CCC79C   D2 C0 A 4E1 9 BF2    00278 C6 CCC7A2   D2 C6 A 4D4 9 BF2
00279 C1 CCC7AE   D2 C1 3 21E 5 25C    CC279 C1 CCC7AE   D2 01 5 250 3 21C    00279 C1 CCC7B4   47 FC 5 1EE
00279 C1 CCC7BE   D2 C1 5 25C 3 21E    CC281 C1 CCC7BE   52 40 A 4A8          00281 01 CCC7C2   D2 EA A 4A5 A 4AB
00281 06 CCC7CE   D2 C0 A 4EE 9 BF2    CC282 C1 CCC7CE   56 C0 3 190          00282 01 CCC7D2   D2 C1 A 535 C CC8
00282 C6 CCC7E8   D2 C1 A 53F C CC0    CC283 C1 CCC7DE   D5 01 C CC9 9 A8C    00283 C1 CCC7E4   47 7C 3 B5E
00283 C5 CCC7EE   D2 C8 7 DB8 9 0F5    CC284 C1 CCC7EE   58 BC 3 190          00284 C1 CCC7F2   D5 C1 B CC5 9 AE5
00284 C1 CCC7F8   47 7C 3 B6A          CC2E4 C5 CCC7FC   F2 06 7 EE8 9 BFE    00285 C1 CCC8C2   5E CC 3 19C
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00287 C1 CCC834   47 7C 3 BAE          CC287 C5 CCC83E   D2 08 7 EE8 9 C19    00288 C1 CCC83E   5E BC 3 19C
00288 01 CCC842   D5 01 B CC9 9 A95    CC2E8 C1 CCC848   47 7C 3 EEA          00288 C5 CCC84C   D2 C8 7 DBE 9 C22
00289 01 CCC852   5E CC 3 190          CC289 C1 CCC856   D5 01 C CC9 9 A97    00289 01 CCC85C   47 7C 3 BCE
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00293 C1 CCC8AC   47 7C 3 C1F          CC293 C5 CCC8BC   D2 08 7 EE8 9 C4F    00294 C1 CCC8BE   5E BC 3 19C
00294 C1 CCC8BA   D5 C1 B CC5 9 AA1    CC2E4 C1 CCC8CC   47 7C 3 C32          00294 C5 CCC8C4   D2 C8 7 DBE 9 C58
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00295 06 CCC8DA   52 FC A C34          CC295 C6 CCC8DE   D2 00 A C35 A 034    00295 06 CCC8E4   52 FC A 026
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00296 01 CCC8FE   D2 C1 A C32 9 A9B    CC29E C1 CCC8FE   41 20 7 EE8          00298 01 CCC902   F2 71 3 0B0 A C32
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00298 01 CCC912   1A 21                CC29E C1 CCC914   18 82                00298 C1 CCC916   D5 CC B CCC 9 AE7
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00301 08 CCC95C   FB FF 3 1E8 3 000    CC3C1 CF CCC962   F3 1F A C3E 3 168    00301 CF CCC96E   56 FC A 037
00302 C1 CCC96C   D7 1C 3 C2C 3 C2C    CC3C2 C1 CCC972   D2 01 3 021 A 036    00302 01 CCC978   D3 CC 3 023 A C37
00302 C1 CCC97E   F2 23 3 1EE 3 C2C    CC3C2 C1 CCC984   FL 20 3 1E8 9 ABC    00302 C1 CCC9EA   F3 21 3 C2C 3 1E8
00302 01 CCC99C   D3 CC 3 C21 3 C22    CC3C2 C1 CCC99E   D2 01 A 01E 3 020    00302 01 CCC99C   5E FC A 01C
00302 C8 CCC9AC   F2 11 3 03E A C1B    CC3C2 C8 CCC9AE   F5 11 3 038 9 A88    00302 CE CCC9AC   47 7C 3 D1E
00302 12 CCC9BC   D2 C1 A 01B 9 AED    CC3C3 C1 CCC9B6   D2 01 A 034 9 ABD    00303 CE CCC9BC   D2 C1 A 03E 9 AED
00305 01 CCC9C2   41 2C 7 DA8          CC3C5 C1 CCC9C6   F2 71 3 CF0 A 036    00305 01 CCC9CC   4F 1C 3 0BC
00305 01 CCC9CC   CE 1C                CC3C5 C1 CCC9D2   4C 1C 9 A7A          00305 C1 CCC9D6   1A 21
00305 01 CCC9D8   1E 82                CC3C5 C1 CCC9DA   41 20 A 4C4          00305 C1 CCC9DE   F2 71 3 CBC A C1B
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00306 0E	CCCA2A	F2 11 3 03E A C3E	CC3CE C6	CCCA30	F9 11 3 038 9 AA5	CC3D6 1C	CCCA3E	47 2C 3 DAE
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00309 01	CCCAEE	4C 1C 9 A7A	CC3C9 C1	CCCA6A	1A 21	CC3D9 01	CCCAEC	5C 2C 3 15E
00309 01	CCCA7C	5E BC 3 19E	CC3C9 C1	CCCA74	D2 00 8 C00 8 000	00309 12	CCCA7A	F2 F1 3 16E A C34
00309 12	CCCAEC	FA FC 3 16E 9 AC9	CC3C9 12	CCCA86	F3 1F A 034 3 168	00309 12	CCCAEC	96 FC A 035
00310 01	CCCA9C	F2 F1 3 16E A C1B	CC31C C1	CCCA9E	FA FC 3 168 9 AC9	00310 C1	CCCA9C	F3 1F A C1B 3 168
00310 01	CCCAA2	5E FC A 01C	CC31C CE	CCCAA6	F2 11 3 03E A 034	00310 CE	CCCAAC	F2 11 3 054 A C32
00310 0E	CCCAB2	F9 11 3 C3E 3 154	CC31C 10	CCCAB2	47 20 3 F2B	CC311 C1	CCCABC	47 FC 3 DAE
00313 01	CCCACC	D5 CC 7 DC9 9 AA7	CC313 C6	CCCAC6	47 80 4 C04	00314 01	CCCACA	F2 F1 3 16E A C1B
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00315 01	CCCAEC	41 2C A 4C4	CC315 C1	CCCAF4	F2 71 3 CB0 A 01B	CC315 C1	CCCAEA	4F 1C 3 0B0
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00326 06	CCCCAC	D2 C1 3 22E 5 25C	CC326 C6	CCCCA6	D2 01 5 250 3 224	CC326 CE	CCCCAC	47 FC 5 18E
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CC329 01	CCCECB	52 FC A 034	CC329 C1	CCCEE2	E2 0C A 037 A 03C	CC329 C1	CCCEEB	52 FC A 01B
CC329 01	CCCEEC	E2 CC A C1C A 01B	CC329 12	CCCEF2	E2 0C A 4A8 5 AA7	CC330 C1	CCCEFB	52 4C 3 03E
CC330 01	CCCEFC	D5 CC C 12C 3 C3B	CC330 C1	CCCFC2	47 7C 4 212	CC330 C1	CCCDCB	D5 44 C 12C C 12C
CC330 07	CCCD0C	47 7C 4 52A	CC331 C1	CCCF1C	92 4C A 460	CC331 C1	CCCD14	D2 44 A 461 A 460
CC331 C6	CCCD1A	5E BC 3 19C	CC331 C6	CCCD1F	E2 45 A 460 B CE6	CC333 C1	CCCD24	D2 C1 A C32 5 C61
CC334 01	CCCD2A	D5 CC A 4A5 5 A87	CC334 C5	CCFC30	47 7C 4 27C	CC335 C1	CCCD34	D5 CC A 4A4 5 A87
CC335 C9	CCCD3A	47 7C 4 27E	CC336 C1	CCCD3E	D5 0C A 4A3 9 A87	CC33E C9	CCCD44	47 7C 4 27E
CC337 01	CCCD48	D5 CC A 4A2 5 A87	CC337 C5	CCCD4E	47 7C 4 276	CC33F C1	CCCD52	D5 CC A 4A1 5 A87
CC338 C9	CCCD5E	47 7C 4 27E	CC339 C1	CCCD5C	D5 0C A 4A0 9 A87	CC329 C9	CCCD62	47 7C 4 27E
CC340 01	CCCD6C	D5 CC A 49F 5 A87	CC34C C8	CCCD6C	47 BC 4 2C6	CC342 01	CCCD7C	D2 4E A 4BC A 4CC
CC342 C6	CCCD7E	D2 C1 3 22A 5 25C	CC342 C6	CCCD7C	D2 01 5 250 3 22B	CC342 C6	CCCDF2	47 FC 5 1EE
CC342 C6	CCCF8E	D2 C1 5 25C 3 22A	CC343 C1	CCCF8C	92 40 A 4A8	CC343 01	CCCD9C	D2 EA A 4A9 A 4AE
CC343 C6	CCCD9E	D2 C4 A 4BC A 458	CC343 C6	CCCD9C	92 40 A 4B5	CC343 C6	CCCDAC	D2 3F A 4BE A 4B5
CC344 01	CCCDAC	D2 01 3 22E 5 25C	CC344 C1	CCCDAC	D2 01 5 250 3 22C	CC344 01	CCCDB2	47 F0 5 1EE
CC344 01	CCCDBE	D2 01 5 25C 3 22E	CC344 C6	CCCDBC	47 F0 4 622	CC346 C1	CCCDCC	41 2C A 46C
CC346 01	CCCDC4	F2 71 3 CBC A C32	CC346 C1	CCCDCA	4F 10 3 CB0	CC346 C1	CCCDCE	C6 1C
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CC346 01	CCCDDA	58 CC 3 19E	CC346 C1	CCCDDE	D5 0C C C00 9 A87	CC346 C9	CCCDE4	47 7C 4 3CE
CC347 01	CCCDE8	F2 F1 3 1EE A C32	CC347 C1	CCCDFE	FE F0 3 168 9 AC9	CC347 C1	CCCDF4	F3 1F A 032 3 1EE
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CC349 01	CCCEC8	FA FC 3 1EE 5 AA8	CC349 C1	CCCEC8	F3 1F A C34 3 168	CC349 C1	CCCE14	5E FC A 035
CC349 08	CCCE1E	FE F1 3 1EE 5 AA9	CC349 C8	CCCE1E	F2 F1 3 000 A 034	CC349 C8	CCCE24	FB FF 3 1EE 3 CCC
CC349 C8	CCCE2A	F3 1F A C3E 3 168	CC349 C8	CCCE3C	96 F0 A 037	CC350 01	CCCE34	D7 1D 3 02C 3 C2C
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CC351 01	CCCE6F	F2 11 3 03B A C1B	CC351 C1	CCCF74	F5 11 3 038 9 A88	CC351 C1	CCCE7A	47 70 4 38A
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CC353 01	CCCE9E	4F 10 3 CB0	CC353 C1	CCCE92	C6 10	CC352 01	CCCE94	4C 1C 5 A7A
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CC358 C6	CCCF5A	4F 1C 3 CBC	CC35E C6	CCCF5E	C6 10	CC358 C6	CCCF6C	4C 1C 9 A7A
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CC359 01	CCCF6C	5C FC A C1C	CC359 C6	CCCF84	41 2C A 4E0	CC359 06	CCCF8E	F2 71 3 0BC A C1B
CC359 06	CCCF8E	4F 1C 3 CBC	CC355 C6	CCCF92	C6 1C	CC355 C6	CCCF54	4C 1C 9 A7A
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00360 01 0CCCFB6   96 FC A C1C          CC360 06 CCCFB8   41 20 A 4B0          00360 06 CCCFBC   F2 71 3 CBC A C1B
00360 06 CCCFC2   4F 1C 3 CBC          CC36C 06 CCCFCA   C6 1C                00360 06 CCCFCE   4C 1C 9 A7A
00360 C6 CCCFCC   1A 21                CC36C C6 CCCFCE   1B B2                00360 C6 CCCFD0   D2 CC 8 0CC A 45B
00361 01 CCCFCE   F2 F1 3 168 A C1B    CC361 01 CCCFDC   F2 FC 3 168 9 AC9    00361 01 CCCFE2   F3 1F A 01B 3 168
00361 01 0CCFFE   96 FC A 01C          00361 06 CCCFEC   41 20 A 4B0          00361 06 CCCFFC   F2 71 3 0BC A C1B
00361 06 CCCFF6   4F 1C 3 CBC          CC361 C6 CCCFFA   C6 1C                00361 C6 CCCFFC   4C 1C 9 A7A
00361 06 CCCCC0   1A 21                CC361 C6 0CC002   1B B2                00361 06 CCCCC4   D2 CC 8 0CC A 45C
00362 01 CCCCCA   D2 01 3 232 5 25C    CC362 01 0CC010   D2 01 5 250 3 230    00362 01 CCCC1E   47 FC 5 18F
00362 01 0CCC1A   D2 01 5 25C 3 232    CC362 06 CCC020   47 F0 4 622          00364 01 CCCC24   5E CC 3 190
00364 01 CCCC2E   D2 45 A 4BC C CF6    CC364 06 CCCC2E   D2 01 3 236 5 250    00364 06 CCCC34   D2 C1 5 25C 3 234
00364 06 CCCC3A   47 FC 5 18E          CC364 C6 CCCC3E   D2 01 5 250 3 236    00365 01 CCCC44   92 4C A 4EC
00365 01 CCCC48   D2 4A A 4E1 A 4EC    CC365 01 CCCC4E   92 4C A 4A8          00365 01 CCCC52   D2 8A A 4A5 A 4A8
00366 01 CCCC5E   58 BC 3 19C          CC366 01 CCCC5C   D2 45 A 4CC E 12C    00366 06 CCCC62   D2 C1 A 032 5 C61
00368 01 CCCC68   41 20 A 4EC          CC368 01 CCCC6C   F2 71 3 CEC A 032    00368 01 CCCC72   4F 1C 3 0BC
CC368 01 CCCC7E   C6 1C                CC36E 01 CCCC7A   4C 10 9 A7A          CC36E 01 CCCC7C   1A 21
00368 01 CCCC7E   1B B2                CC36E 01 CCCC8C   D5 00 8 C00 9 A87    CC368 C5 CCCC8E   47 7C 4 5AA
00369 01 CCCC8A   F2 F1 3 168 A C32    CC365 01 CCCC90   F8 F0 3 168 9 AC9    CC365 01 CCCC9E   F3 1F A C32 3 168
CC369 01 CCCC9C   96 FC A C33          CC365 C6 CCCCAC   47 F0 4 56E          00371 01 CCCCA4   F2 11 3 C3E A C32
00371 01 CCCCA6   F5 11 3 C3E 5 AA8    CC371 C5 CCCCBC   47 4C 4 612          00371 C5 CCCCB4   5E CC 3 19C
00371 05 CCCCB8   D2 45 A 4EC C 12C    CC372 01 CCCCBE   D2 01 3 23A 5 250    00372 01 CCCCC4   D2 C1 5 25C 3 23E
00372 01 CCCCCA   47 FC 5 18E          CC372 01 CCCCCE   D2 01 5 250 3 23A    CC372 C6 CCCCD4   92 4C A 4AE
00372 C6 CCCCD8   D2 8A A 4A5 A 4A8    CC373 01 CCCCFF   58 B0 3 190          00373 01 CCCCF2   D2 C4 A 4BC B CB0
00373 01 CCCCEE   92 4C A 4F5          CC373 01 CCCCEC   D2 3F A 4E6 A 4B5    00373 06 CCCCF2   D2 C1 3 23E 5 25C
00373 06 CCCCF8   D2 C1 5 25C 3 23C    CC373 C6 CCCCFE   47 F0 5 18E          D2 C1 5 25C 3 23E
00374 01 CCD1C8   47 FC 4 622          CC376 01 CCD10C   D2 01 A C1E 9 ABC    00376 01 CCD112   D2 C1 A C34 5 AE0
00376 C8 CCD118   47 FC 4 38A          CC378 01 CCD11C   92 4C A 4A8          CC378 01 CCD12C   D2 8A A 4A5 A 4A8
00378 06 CCD12A   D2 CC A 4AE 5 BF2    CC375 01 CCD12C   92 32 A 4A9 A 140    CC375 01 CCD132   92 4C A 4DC
00379 01 CCD13E   D2 4F A 4DD A 4DC    CC375 C6 CCD13C   D2 01 3 242 5 250    00375 C6 CCD142   D2 C1 5 25C 3 240
CC379 06 CCD148   47 FC 5 18E          CC375 C6 CCD14C   D2 01 5 250 3 242    CC380 01 CCD152   92 4C A 4A6
00380 01 CCD15C   D2 8A A 4A5 A 4A8    CC380 C1 CCD15C   92 40 A 460          CC380 01 CCD16C   D2 44 A 461 A 46C
00381 01 CCD16E   D2 CC A 4A8 9 AA7    CC382 C1 CCD16C   92 4C 3 C38          00382 01 CCD17C   5E CC 3 19C
00382 01 CCD174   D5 CC C 1BE 3 C3E    CC382 C1 CCD17A   47 70 4 68A          00382 01 CCD17E   D5 44 C 1B5 C 1BE
00382 06 CCD194   47 BC 4 7E8          CC383 C1 CCD1B6   58 B6 3 190          CC383 C1 CCD1BC   D2 45 A 4BC B 172
00383 C6 CCD192   D2 C1 3 24E 5 25C    CC3E3 C6 CCD198   D2 01 5 250 3 244    00383 C6 CCD1CE   47 F0 5 18E
00383 06 CCD1A2   D2 C1 5 25C 3 246    CC3E4 C1 CCD1A8   92 40 A 4A8          00384 C1 CCD1AC   D2 8A A 4A5 A 4A8
00384 06 CCD1B2   5B CC 3 19C          CC384 C6 CCD1B6   D2 45 A 4B0 C 1B8    00385 C1 CCD1BC   D2 C1 3 24A 5 25C
00385 C1 CCD1C2   D2 C1 5 25C 3 248    CC385 C1 CCD1C8   47 FC 5 18E          CC385 C1 CCD1CC   D2 C1 5 25C 3 24A
00386 01 CCD1E2   92 4C 3 C3E          CC386 C1 CCD1D6   58 FC 3 19C          00386 01 CCD1DA   D5 CC B 1FE 3 C3E
00386 C1 CCD1E0   47 7C 4 6FC          CC386 C1 CCD1E4   D5 44 E 1FF B 1FE    CC386 C6 CCD1EA   47 EC 4 91C
00387 C1 CCD1EE   92 4C A 4A8          CC387 C1 CCD1F2   D2 8A A 4A9 A 4A8    00387 C6 CCD1FE   5E CC 3 19C
00387 C6 CCD1FC   D2 45 A 4BC C 1FE    CC3E8 C1 CCE202   D2 01 3 24E 5 250    00388 C1 CCE20E   D2 C1 5 25C 3 24C
00388 01 CCE20E   47 FC 5 18E          CC3E8 C1 CCE212   D2 01 5 250 3 24E    00389 C1 CCE218   92 4C 3 03E
CC389 01 CCE21C   5E BC 3 19C          CC389 C1 CCE22C   D5 0C B 244 3 038    CC389 C1 CCE22E   47 7C 4 72E
CC389 01 CCE22A   D5 44 B 245 B 244    CC389 C6 CCE23C   47 B0 4 51C          CC390 01 CCE234   92 4C A 4AE
CC390 01 CCE23E   D2 8A A 4A5 A 4A8    CC39C C6 CCE23E   58 C0 3 190          CC390 C6 CCE242   D2 45 A 4BC C 244
CC391 01 CCE24E   D2 C1 3 252 5 25C    CC391 C1 CCE24E   D2 01 5 250 3 250    00391 C1 CCE254   47 F0 5 18E
CC391 01 CCE25E   D2 C1 5 25C 3 252    CC391 C6 CCE25E   47 F0 4 51C          CC393 C1 CCE262   92 FC A 032
00393 01 CCE26E   D2 CC A C33 A C32    CC393 C1 CCE26C   92 F0 A 034          00392 01 CCE27C   D2 CC A C35 A C34
00393 01 CCE27E   92 FC A C3E          CC393 C1 CCE27A   C2 00 A 037 A 035    00393 C1 CCE28C   92 FC A C1B
00393 C1 CCE284   D2 CC A C1C A C1B    CC393 12 CCE28A   58 BC 3 190          00393 12 CCE2EE   D2 45 A 46C B 172
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00396 01 0CC2A4  4F 1C 2 CBC         CC356 C1 0CC2AE  C6 1C               00396 C1 CCC2AA  4C 1C S A7A
00396 01 0CC2AE  1A 21               CC356 C1 0CC2B0  5C 2C 3 198          00396 C1 CCC2B4  5E CC 3 1SE
00396 01 0CC2B8  05 CC C CCC S AE7   CC356 C9 0CC2BE  47 70 4 818          00397 C1 CCC2C2  F2 F1 3 1EE A C32
00397 C1 0CC2CE  FB FC 3 1C8 S ACS   CC357 C1 0CC2CE  F3 1F A 032 3 168    00397 C1 CCC2E4  5E FC A 032
00398 01 0CC2E8  F2 11 3 C3E A C32   CC358 C1 0CC2DE  F5 11 3 038 S A88    00398 C1 CCC2E4  47 7C 4 814
00398 05 0CC2E8  5E FC 3 1FE         CC358 C5 0CC2EC  C5 EF               00398 C5 CCC2EE  D2 CF 1 CCC S B23
00398 05 0CC2F4  41 1C 1 C1C         CC358 C5 0CC2F8  5E FC 3 19C          00398 C5 CCC2FC  D2 C8 1 CCC B CCC
00398 05 0CC302  41 1C 1 CC5         CC358 C5 0CC30C  5E FC 3 1CC          00398 C5 CCC30A  C5 FF
00398 08 0CC3CC  CA CF               CC355 C1 0CC3CE  47 F0 4 7A0          00401 01 CCC312  FE F1 3 1EE S AAD
00401 01 0CC318  F2 F1 3 CCC A C32   CC4C1 C1 0CC31E  FE FF 3 168 3 000    00401 C1 CCC324  F3 1F A C34 3 16E
00401 01 0CC32A  56 FC A 035         CC4C1 C8 0CC32E  D7 1E 3 020 3 020    00401 C8 CCC334  D2 C1 3 021 A C34
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00401 08 0CC34C  F3 21 3 02C 3 168   CC4C1 C8 0CC352  D3 0C 3 C21 3 022    00401 08 0CC35E  D2 C1 A 01B 3 C2C
00401 08 0CC35F  5E FC A C1C         CC4C2 C1 0CC362  F2 11 3 C3B A 01B    00402 01 0CC36E  F5 11 3 C3E S A6E
00402 01 0CC36E  47 7C 4 87E         CC4C2 C5 0CC372  D2 01 A 01B S A8C    00402 10 0CC37E  D2 C1 A 034 S AED
00404 01 0CC37E  41 2C A 46C         CC4C4 C1 0CC382  F2 71 3 CE0 A C34    00404 C1 CCC3EE  4F 1C 3 0BC
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00404 01 0CC3S4  1E 62               CC4C4 C1 0CC396  41 2C A 4E0          00404 01 CCC3SA  F2 71 3 CBC A C1B
00404 01 0CC3AC  4F 1C 3 CBC         CC4C4 C1 0CC3A4  C6 1C               00404 01 CCC3AE  4C 1C 9 A7A
00404 01 0CC3AA  1A 21               CC4C4 C1 0CC3AC  5C 2C 3 198          00404 C1 CCC3BC  5E CC 3 1SE
00404 01 0CC3B4  D2 CC C CCC 8 CCC   CC4C4 12 0CC3BA  F2 F1 3 1C8 A 034    00404 12 CCC3CC  FA FC 3 1EE S ACS
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00405 C9 0CC3FE  5E FC A C1C         CC4C6 C1 0CC3FC  47 F0 4 884          00408 C1 CCC4CC  D2 C1 3 25E S 25C
00408 01 0CC4C6  D2 01 S 25C 3 254   CC4C8 C1 0CC40C  47 F0 5 18E          00408 C1 CCC41C  D2 C1 S 25C 3 256
00410 01 0CC41E  52 4C A 4AE         CC41C C1 0CC41A  D2 8A A 4A9 A 4A8    00410 C6 CCC42C  52 4C A 21E
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00419 12 0CC4EE  D2 CC A 1AC A 21A   CC42C C1 0CC494  D2 00 A 1AF A 21B    00420 12 0CC49A  D2 CC A 1AE S C63
00421 C1 0CC4AC  47 FC 4 9EC         CC423 C1 0CC4A4  D2 00 A 1AC A 21A    00423 12 0CC4AA  D2 CC A 1AF A 21B
00424 01 0CC4BC  D2 CC A 1AE S C63   CC42E C1 0CC4BE  D2 4E A 4A9 A 178    00426 C1 0CC4BC  52 4C A 4F7
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00427 01 0CC4C2  D2 C1 S 25C 3 258   CC427 C1 0CC4D8  47 F0 5 18E          00427 01 0CC4DC  D2 C1 5 25C 3 25A
00427 06 0CC4E2  52 4C A 4AE         CC427 C6 0CC4E6  D2 8A A 4A9 A 4A8    00427 C6 0CC4EC  52 4C A 1EC
00427 06 0CC4F0  D2 26 A 1E0 A 1EC   CC42E C1 0CC4F6  52 F0 A 026          00428 C1 0CC4FA  D2 C1 A C27 A C26
00428 01 0CC5CC  52 FC A C2S         CC42E C1 0CC504  D2 01 A 02A A 029    00428 C1 0CC5CA  52 FC A 02F
00428 01 0CC5CE  D2 01 A C3C A C2F   CC428 1C 0CC514  D2 02 A C2S A 02C    00429 C1 0CC51A  D7 1C 3 C2C 3 C2C
00429 01 0CC52C  D2 C2 3 022 A C2S   CC42S C1 0CC52C  D3 0C 3 C2S A 02E    00429 01 0CC52C  F2 35 3 16E 3 C2C
00429 01 0CC532  FD 3C 3 1EE S AEC   CC42S C1 0CC53E  F3 32 3 020 3 168    00429 C1 0CC53E  D3 CC 3 022 3 C23
00429 01 0CC544  D2 02 A C2E 3 C2C   CC42S C1 0CC54A  9E F0 A C2B          00429 C8 0CC54E  F2 F2 3 1EE A C2S
00429 C8 0CC554  FA FC 3 1E8 S AC9   CC42S C8 0CC55A  F3 2F A 029 3 168    00429 C8 0CC56C  9E F0 A 02B
00431 C1 0CC5E4  41 2C A 54E         CC431 C1 0CC56E  F2 72 3 0EC A 026    00431 C1 0CC5EE  4F 1C 3 0BC
00431 C1 0CC572  CE 1C               CC431 C1 0CC574  4C 1C 9 A78          00431 C1 0CC57E  1A 21
00431 C1 0CC57A  5C 2C 3 1SC         CC431 C1 0CC57E  5E CC 3 19C          00431 C1 0CC5E2  5E BC 3 1SC
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00432 01	0CDEA0	4C 1C 9 A7E	00432 C1	CCE5A4	1A 21	00432 C1	CCD5AE	1E E2
00432 01	0CDEAE	5B CC 3 19D	00432 C1	CCE5AC	D5 02 B CCC C CD7	00432 C1	CCD5B2	47 BC 4 B1C
00432 08	CCDEBE	D2 C2 A C2F A C2E	00432 13	CCE5BE	F2 F2 3 17B A 02C	00432 13	CCD5C2	F2 F2 3 CCC A C2C
00432 13	CCDEC8	FA FF 3 17E 3 CCC	00432 13	CCE5C8	E7 03 3 16B 3 16B	00432 13	CCD5E4	F2 CC 3 16A 3 16B
00432 13	CCDEEA	F1 2E 3 16E 3 17B	00432 13	CCE5E0	94 0F 3 16B	00432 13	CCD5E4	D1 CC 3 16B 3 16B
00432 13	CCDEEA	FD 3C 3 16E 9 A8C	00432 13	CCE5FC	F3 32 3 C20 3 16B	00432 13	CCD5FE	D2 CC 3 C22 3 C23
00432 13	CCDEFC	D2 C2 A C2E 3 C20	00432 13	CCE602	96 FC A C28	00433 11	CCE6C6	47 FC 4 B6C
00434 01	CCE60A	D2 02 A C2C A C2E	00434 C6	CCE61C	F2 F2 3 17B A 02B	00434 C6	CCE616	F2 F2 3 CCC A C2F
00434 C6	CCE61C	FA FF 3 17E 3 CCC	00434 CE	CCE622	E7 03 3 16B 3 16B	00434 C6	CCE628	F2 CC 3 16A 3 16F
00434 C6	CCE62E	F1 2D 3 16E 3 17B	00434 C6	CCE634	94 0F 3 16B	00434 C6	CCE63E	D1 CC 3 16B 3 16F
00434 C6	CCE63E	FD 3C 3 16E 9 A8C	00434 C6	CCE644	F3 32 3 C20 3 16B	00434 C6	CCE64A	D2 CC 3 C22 3 C23
00434 06	CCE65C	D2 C2 A C2E 3 C20	00434 CE	CCE65E	96 FC A C28	00436 C1	CCE65A	F2 F2 3 17E A C2F
00436 01	CCE66C	F2 F2 3 CCC A C2F	00436 C1	0CE666	FF FF 3 17B 3 000	00436 C1	CCE66C	D2 C2 3 03E 3 185
00436 01	0CE672	F0 2C 3 084 9 A8C	00436 C1	0CE67A	F0 22 3 C3F 3 084	00436 07	CCE678	47 4C 4 B8C
00437 01	CCE682	47 FC 4 A6A	00439 C1	CCE68E	5B F0 3 1D8	00439 C1	CCE6EA	C9 FF
00439 C1	CCE6BC	D2 1C 1 CCC 9 B33	00439 C1	CCE692	41 10 1 011	00439 C1	CCE65E	5E BC 3 19D
00439 01	CCE69A	D2 02 1 CCC B CD7	00439 C1	CCE6AC	41 10 1 003	00439 C1	CCD6A4	5E FC 3 1DC
00439 01	CCE6AB	C5 CF	00440 C1	CCE6AA	47 FC 3 72C	00442 C1	CCE6AE	41 2C A 54B
00442 01	0CE6B2	F2 72 3 CBC A C26	00442 C1	0CE6BE	4F 1C 3 CE0	00442 01	CCE6BC	CE 1C
00442 01	CCE6CE	4C 1C 9 A7E	00442 C1	CCE6C2	1A 21	00442 01	CCE6C4	5C 2C 3 19E
00442 01	CCE6C8	5B CC 3 19E	00442 C1	CCE6CC	D5 0C C 000 9 AAF	00442 01	CCE6D2	47 7C 4 BFC
00442 08	CCE6D6	D2 24 A 1EC A 350	00442 C8	CCE6DC	92 40 A 211	00442 08	CCE6FC	D2 C1 A 212 A 211
00443 01	CCE6EE	41 2C A 54B	00443 C1	CCE6EA	F2 72 3 CE0 A 026	00443 01	CCE6FC	4F 1C 3 0BC
00443 01	CCE6F4	CE 1C	00443 C1	CCE6F6	4C 10 9 A78	00443 C1	CCE6FA	1A 21
00443 01	CCE6FC	5C 2C 3 19C	00443 C1	CCE70C	5B BC 3 19C	00443 C1	CCE704	D5 CC B CCC 9 ABC
00443 01	CCE70A	47 7C 4 C24	00443 C8	CCE70E	E2 21 A 1EC A 3A8	00443 C8	CCE714	92 40 A 2CE
00443 C9	CCE718	D2 04 A 2CF A 2CE	00444 C1	CCE71E	41 2C A 54E	00444 C1	CCE722	F2 72 3 0BC A C2E
00444 01	CCE72E	4F 1C 3 CB0	00444 C1	CCE72C	C6 10	00444 C1	CCE72E	4C 10 9 A7E
00444 01	CCE732	1A 21	00444 C1	CCE734	5C 2C 3 1A0	00444 C1	CCE73E	5E CC 3 1AC
00444 01	CCE73C	D5 CC C CCC 9 AB1	00444 C1	CCE742	47 7C 4 C52	00444 C8	CCE74E	D2 27 A 1EC A 3DC
00445 C1	CCE74C	41 2C A 54B	00445 C1	CCE75C	F2 72 3 CB0 A 026	00445 C1	CCE75E	4F 1C 3 CBC
00445 C1	CCE75A	CE 1C	00445 C1	CCE75C	4C 10 9 A78	00445 C1	CCE76C	1A 21
00445 C1	CCE762	1E E2	00445 C1	CCE764	D5 0C B CCC 9 AB2	00445 C1	CCE76A	47 7C 4 C84
00445 C8	CCE76E	D2 2E A 1EC A 3FB	00445 C8	CCE774	92 40 A 212	00445 C8	CCE778	D2 C0 A 213 A 212
00446 01	CCE77E	41 2C A 54B	00446 C1	CCE782	F2 72 3 CB0 A 026	00446 C1	CCE78E	4F 1C 3 0BC
00446 01	CCE78C	CE 1C	00446 C1	CCE78E	4C 10 9 A78	00446 C1	CCE792	1A 21
00446 01	CCE794	5C 2C 3 19E	00446 C1	CCE798	5B BC 3 198	00446 C1	CCE79C	D5 CC B CCC 9 AB3
00446 01	CCE7A2	47 7C 4 C8C	00446 C8	CCE7A6	D2 11 A 1EC A 420	00446 C8	CCE7AC	92 4C A 1FE
00446 08	CCE7BC	D2 14 A 1FF A 1FE	00447 C1	CCE7B6	D2 4B A 4A9 A 1C8	00447 C1	CCE7BC	92 4C A 4F9
00447 C1	CCE7C0	D2 3E A 4FC A 4F9	00447 C6	CCE7C6	E2 01 3 25E 9 250	00447 C6	CCE7CC	D2 C1 9 25C 3 25C
00447 C6	CCE7D2	47 FC 9 18F	00447 C6	CCE7D6	E2 01 9 250 3 25E	00448 C1	CCE7DC	92 4C A 4AE
00448 01	CCE7FC	D2 EA A 4A9 A 4AB	00448 C6	CCE7E6	41 2C A 54C	00448 C6	CCE7EA	F2 72 3 0BC A C26
00448 C6	CCE7F0	4F 1C 3 0BC	00448 C6	CCE7F4	06 1C	00448 C6	CCE7FE	4C 1C 9 A7E
00448 C6	CCE7FA	1A 21	00448 C6	CCE7FC	1E B2	00448 C6	CCE7FE	D2 3B A 4B2 8 CCC
00449 01	CCE8C4	D2 01 3 262 5 25C	00449 C1	CCE80A	E2 01 5 250 3 26C	00449 C1	CCE81C	47 FC 5 18E
00449 01	CCE814	D2 C1 5 25C 3 262	00450 C1	CCE81A	58 C0 3 194	00450 C1	CCE81E	41 2C C 17E
00450 01	CCE822	F2 72 3 0BC A C2E	00450 C1	CCE82E	4F 1C 3 CE0	00450 C1	CCE82C	CE 1C
00450 01	CCE82E	4C 1C 9 A78	00450 C1	CCE832	1A 21	00450 C1	CCE834	5C 2C 3 19C
00450 01	CCE83E	41 2C A 54E	00450 C1	CCE83C	F2 72 3 CF0 A 02C	00450 01	CCE842	4F 1C 3 0BC

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LINE/POS  ADDR     INSTRUCTION          LINE/POS  ADDR     INSTRUCTION          LINE/POS  ADDR     INSTRUCTION
00450 01 0CDE46  C6 1C                 00458 C1 0CDE43  4C 10 7 278            00450 01 0CDE4C  1A 21
00450 01 0CDE4E  5C 2C 3 1AC           00458 C1 0CDE52  58 EC 3 1B0            00450 C1 0CDE5E  5E CC 3 19C
00450 01 0CDE5A  D5 C2 C CCC A CCC     00458 12 0CDE6C  47 70 4 EAC            00451 C1 0CDE64  52 4C A 4AE
00451 01 0CDE6B  D2 BA A 4A5 A 4A8     00451 C6 0CDE6E  58 F0 3 1B4            00451 C6 0CDE72  41 2C B 17D
00451 01 0CDE7C  F2 72 3 CBC A C2E     00451 C6 0CDE7C  4F 10 3 CE0            00451 C6 0CDE8C  C6 1C
00451 C6 0CDE82  4C 1C 5 A78           00451 C6 0CDE86  1A 21                 00451 C6 0CDE8E  1E 82
00451 C6 0CDE8A  D2 3B A 4B2 8 CC0     00452 C1 0CDE90  D2 01 3 26C 5 250      00452 C1 0CDE96  D2 C1 5 25C 3 2E4
00452 01 0CDE9C  47 FC 5 1BE           00452 C1 0CDEAC  D2 01 5 250 3 26C      00454 01 0CDEAE  52 4C A 4AE
00454 01 0CDEAA  D2 BA A 4A5 A 4A8     00454 C6 0CDEBC  D2 CC A 4A8 5 AA7      00455 C1 0CDEBE  D2 C1 3 2EA 5 25C
00455 01 0CDEBC  D2 01 5 25C 3 2EB     00455 C1 0CDEC2  47 FC 5 1BE            00455 01 0CDEC6  D2 01 5 25C 3 2EA
00455 C6 0CDECC  52 4C A 4AE           00455 C6 0CDECC  D2 BA A 4A9 A 4AB      00456 C1 0CDED6  D2 CC A 4AE 5 BF2
00456 C6 0CDED2  D2 47 A 4A9 A 22C     00456 C6 0CDEE2  52 4C A 4F1            00456 C6 0CDEE6  D2 3A A 4F2 A 4F1
00457 01 0CDEFC  D2 01 3 2CE 5 25C     00457 C1 0CDEF2  D2 01 5 250 3 26C      00457 01 0CDEF8  47 FC 5 1EE
00457 01 0CDEFC  D2 01 5 25C 3 2EE     00457 C6 0CDF02  52 4C A 4A8            00457 C6 0CDF0E  D2 BA A 4A5 A 4AE
00458 01 0CDF0C  D2 4B A 4A5 A 2E8     00458 C1 0CDF12  52 4C A 4F5            00458 C1 0CDF1E  D2 3E A 4FE A 4F5
00458 06 0CDF1C  D2 C1 3 272 5 25C     00458 C6 0CDF2E  D2 01 5 25C 3 27C      00458 C6 0CDF2E  47 FC 5 1EE
00458 06 0CDF2C  D2 C1 5 25C 3 272     00459 C1 0CDF32  52 4C A 4A8            00459 C1 0CDF3E  D2 BA A 4A5 A 4AE
00459 C6 0CDF3C  D2 4C A 4A9 A 2B8     00459 C6 0CDF42  52 4C A 4F6            00459 C6 0CDF4E  D2 35 A 4F7 A 4F6
00460 C1 0CDF4C  D2 01 3 27E 5 25C     00460 C1 0CDF52  D2 01 5 250 3 274      00460 C1 0CDF5E  47 FC 5 1EE
00460 01 0CDF5C  D2 01 5 25C 3 27E     00460 C6 0CDF62  52 4C A 4A8            00460 C6 0CDF6E  D2 BA A 4A5 A 4AB
00461 01 0CDF6C  D2 42 A 4A5 A 3C8     00461 C1 0CDF72  52 4C A 4EC            00461 C1 0CDF7E  D2 3E A 4EE A 4ED
00461 06 0CDF7C  D2 01 3 27A 5 25C     00461 C6 0CDF82  D2 01 5 250 3 278      00461 C6 0CDF8E  47 F0 5 1EE
00461 06 0CDF8C  D2 01 5 25C 3 27A     00462 C1 0CDF92  47 F0 3 72C            00464 C1 0CDF9E  52 4C A 4AE
00464 C1 0CDF9A  D2 BA A 4A9 A 4A8     00464 C6 0CDFA6  D2 00 A 4A6 5 BF1      00465 C1 0CDFAE  F2 35 3 01C A 02C
00465 C1 0CDFAC  D2 C8 3 03B 7 0D1     00465 C1 0CDFB2  DE 08 3 038 3 010      00465 C1 0CDFBE  D2 C6 A 3A1 3 03A
00465 C1 0CDFBE  47 7C 5 CE4           00465 C1 0CDFC2  92 4C A 3A1            00465 C1 0CDFCE  D2 C5 A 3A2 A 3A1
00465 C6 0CDFCC  D2 2F A 4A9 A 378     00465 C6 0CDFD2  52 4C A 4C9            00465 C6 0CDFD6  D2 52 A 4DA A 4D5
00466 C1 0CDFEC  D2 01 3 27E 5 25C     00466 C1 0CDFF2  D2 01 5 250 3 27C      00466 C1 0CDFF8  47 FC 5 1EE
00466 01 0CDFEC  D2 01 5 25C 3 27E     00467 C1 0CDFF2  D7 B6 3 C10 3 010      00467 C1 0CDFF8  41 CC 7 EEE
00467 C1 0CDFFE  5C CC 3 01C           00467 C1 0CE00C  54 C7 7 E88            00467 C1 0CE0C4  56 2C 7 EEE
00467 01 0CE00E  5E C4 7 EEC           00467 C1 0CE00C  94 EF 7 E88            00467 C1 0CE01C  52 CA 3 014
00467 01 0CE014  41 1C 5 C6E           00467 C1 0CE018  41 0C 3 C10            00467 C1 0CE01C  CA C2
00468 01 0CE01E  D7 B6 3 C10 3 C10     00468 C1 0CE024  41 00 7 E28            00468 01 0CE02E  5C CC 3 01C
00468 01 0CE02C  52 CA 3 014           00468 C1 0CE03C  41 10 9 C6E            00468 01 0CE034  41 CC 3 01C
00468 01 0CE038  CA C2                 00469 C1 0CE03A  D7 B6 3 C1C 3 010      00469 C1 0CE04C  41 CC 7 DEE
00469 01 0CE044  5C CC 3 C1C           00469 C1 0CE048  92 0A 3 014            00469 C1 0CE04C  41 1C 9 C6E
00469 01 0CE05C  41 CC 3 01C           00469 C1 0CE054  0A 02                  00470 C1 0CE05E  D5 CC A 06A 9 AB4
00470 01 0CE05C  47 7C 5 1EA           00470 C5 0CE06C  0A 0E                  00471 C1 0CE062  41 1C A 03E
00471 01 0CE0AE  5C 1C 3 01C           00471 C1 0CE06A  92 80 3 010            00471 01 0CE0AE  41 1C 3 01C
00471 01 0CE072  5E FC 3 2CC           00471 C1 0CE076  C5 EF                  00471 C1 0CE07E  5E CC 3 1FC
00471 01 0CE082  CA 1C                 00474 C1 0CE084  0A 0E                  00476 C1 0CE0AE  D5 CC A 06A 9 AB5
00476 C5 0CE08C  47 8C 5 22C           00477 C1 0CE090  58 C0 3 188            00477 C1 0CE0A4  52 4C C 0CC
00477 01 0CE0A8  D2 83 C CC1 C CC0     00478 C1 0CE09E  D2 84 C 000 A 4A8      00479 01 0CE0A4  D2 CC C 0CC A 4AE
00479 01 0CE0AA  D2 C2 3 011 7 E11     00479 C1 0CE0B0  D2 02 3 015 7 E01      00479 C1 0CE0BE  5E 1C 3 01C
00479 01 0CE0BF  5C 1C 3 C1E           00479 C1 0CE0C2  D2 02 7 E11 3 019      00479 01 0CE0CE  5E 1C 3 014
00479 01 0CE0DC  5C 1C 3 C1E           00479 C1 0CE0E4  D2 02 7 E01 3 019      00479 C1 0CE0DA  4E 1C 7 E1C
00479 01 0CE0EE  C6 1C                 00479 C1 0CE0E0  40 10 7 E16            00479 01 0CE0E4  5E CC 3 2C4
00479 01 0CE0EE  5C CC 7 DF8           00479 C1 0CE0EC  9E 20 7 EFC            00479 01 0CE0FC  52 C1 7 E1C
00479 01 0CE0F4  41 10 7 DE8           00479 C1 0CE0OC  41 00 5 216            00479 C1 0CE0CE  47 10 5 216
00479 01 0CE0CC  CA C7                 00479 C1 0CE0OE  D2 02 7 E01 3 011      00479 C1 0CE014  D2 C2 7 E11 3 015
00479 01 0CE01A  D2 03 3 1EE 7 ECC     00482 C1 0CE02C  47 F0 5 24E            00482 C1 0CE024  41 1C A 4AE
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LINE/POS	ADDR	INSTRUCTION
00482 01	0CCF2E	5C 1C 3 C1C
00482 01	0CCF34	5E FC 3 2CE
00482 01	0CCH44	CA 1C
00488 01	0CCH4E	D2 BA A 4A5 A 4A8
00491 01	0CCF5E	52 4C A 4AE
00493 01	0CCF6C	D2 44 A 4F1 A 480
00493 07	0CCF7E	47 FC 5 1BE
00494 01	0CCF8E	FA FC 3 1EE 5 AC5
00494 06	0CCF9E	F2 11 3 C3E A C1D
00495 01	0CCFAE	47 FC 5 2E6
00497 01	0CCFBE	D2 42 1 CCC 5 B44
00497 01	0CCFC6	C5 EF
00499 01	0CCFCC	D2 37 1 0CC 5 B88
00499 01	0CCFDE	C5 EF
00502 01	0CCFEA	D2 CC A C1F 1 CC0
00504 01	0CCFFA	D5 CC A 01F 5 AB5
00504 06	0CCCC8	C5 EF
00504 06	0CCC14	58 FC 3 1EE
00507 01	0CCC2C	D2 C1 A 01D 5 C64
00000 00	0CCC3C	47 FC 5 33C

LINE/POS	ADDR	INSTRUCTION
00482 01	0CCE2C	52 BC 3 C10
00482 01	0CCE3C	D5 EF
00487 01	0CCE4C	47 F0 5 252
00488 06	0CCE54	D2 00 A 4A8 5 FF1
00491 01	0CCE62	D2 B7 A 4A5 A 4AB
00493 07	0CCE72	D2 01 3 282 5 25C
00493 07	0CCE82	D2 01 5 250 3 282
00494 01	0CCE94	F3 1F A 01C 3 168
00494 06	0CCEA4	F5 11 3 C3E 9 AB6
00497 01	0CCEB2	5E FC 3 1E4
00497 01	0CCEBE	41 1C 1 C44
00499 01	0CCECA	5E FC 3 1E4
00499 01	0CCEE6	41 10 1 038
00502 01	0CCEE2	5E FC 3 1EC
00503 01	0CCEFC	C5 00 A C1F 9 AE8
00504 01	0CCC00	47 8C 5 328
00504 06	0CCC0A	D2 20 1 C00 9 EC0
00504 06	0CCC16	05 EF
00507 06	0CCC26	D2 00 A 01F 5 AB7

LINE/POS	ADDR	INSTRUCTION
00482 01	0CCE3C	41 1C 3 01C
00482 01	0CCE3A	5E CC 3 1FC
00482 01	0CCE4A	52 4C A 4AE
00489 01	0CCE5A	47 FC 5 27C
00492 01	0CCE6E	52 E7 A 48C
00493 07	0CCE78	D2 C1 5 25C 3 2EC
00494 01	0CCE8E	F2 F1 3 1EE A C1D
00494 01	0CCE9A	5E FC A C1E
00494 10	0CCEAA	47 EC 5 26A
00497 01	0CCEBE	C5 EF
00497 01	0CCEC2	5E FC 3 1EE
00499 01	0CCECA	C5 FF
00499 01	0CCEDA	5E FC 3 1EE
00502 01	0CCEFE	C5 EF
00503 05	0CCF0E	47 EC 3 3AE
00504 06	0CCCC4	58 FC 3 1E4
00506 01	0CCC1C	41 1C 1 C21
00508 01	0CCC2C	47 FC 5 252

LINE/POS	ER CODE	CLASS	MESSAGE
18- 1	IJSC83I	W ALIGNMENT	TO ALIGN BLOCKED RECORDS ADD 3 BYTES TO THE 01 CONTAINING DATANAME PRT.
52- 1	IJSC83I	W ALIGNMENT	TO ALIGN BLOCKED RECORDS ADD 4 BYTES TO THE 01 CONTAINING DATANAME FILLER.
73- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 7 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING CTL-CARD.
85- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 1 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-2.
89- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 3 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-4.
93- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 2 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-5.
96- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 5 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-6.
102- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 2 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-7.
107- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 4 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING ST-CEL.
109- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 4 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-8.
115- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 4 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-10.
118- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 3 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-11.
121- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 4 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-C.
123- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 3 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD.
129- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 6 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-K.
133- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 2 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING HEAD-L.
134- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 6 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING NAME.
137- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 2 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING ACTIVITY.
140- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 3 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING TIT-DESC.
143- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 2 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING PRINT.
170- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 4 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING DATE.
175- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 7 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING ST-NAME.
181- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 4 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING STORE-DESC.
187- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 4 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING COMPL.
189- 1	IJSC53I	W ALIGNMENT	FOR PROPER ALIGNMENT, A 3 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING MO7.

LINE/POS	ER CODE	CLAUSE	MESSAGE
191- 1	IJS0531 w	ALIGNMENT	FOR PROPER ALIGNMENT, A 7 BYTE LONG FILLER ENTRY IS INSERTED PRECEDING DATE7.
478- 1	IJS6021 w		DESTINATION FIELD DOES NOT ACCEPT THE WHOLE SENDING FIELD IN MOVE.

27 LEVEL W DIAGNOSTICS

ECJ COMPILE

DATE 07/19/74,CLOCK 22/31/34,DURATION 00/03/20